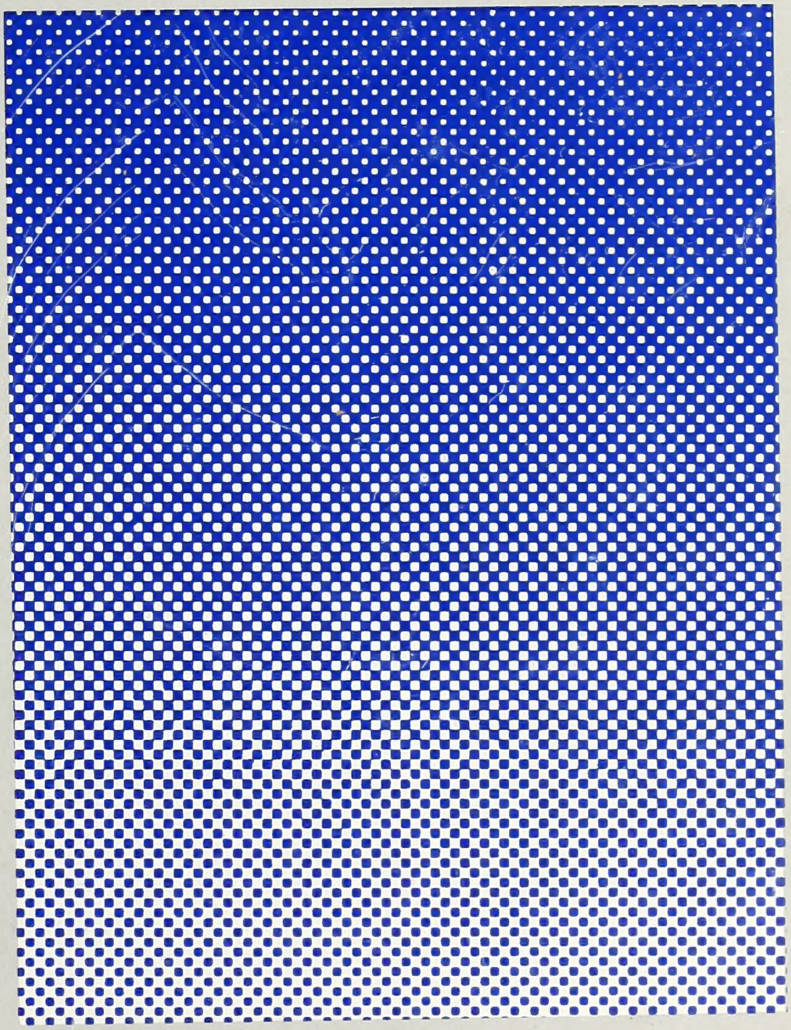
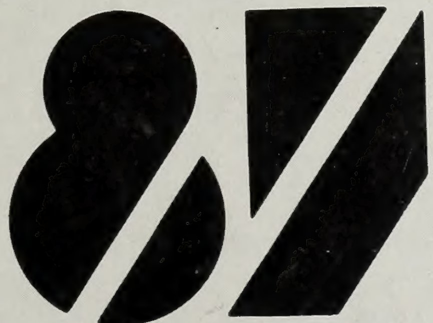
MEDICARE HOSPITAL MORTALITY INFORMATION





New Jersey, New York, Puerto Rico, Virgin Islands

Region II

U.S. Department of Health and Human Services
Health Care Financing Administration

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MEDICARE HOSPITAL MORTALITY INFORMATION

1987

NEW JERSEY, NEW YORK, PUERTO RICO,
VIRGIN ISLANDS

REGION II

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The Health Care Financing Administration (HCFA) was established on March 9, 1977, to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 56 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

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TECHNICAL APPENDIX A-1

INTRODUCTION

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, now has 31 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. We believe that the publication of the Medicare hospital mortality information contained in this document will contribute to that end.

This particular information release presents information to answer the question: "What is the actual death rate for each hospital compared to what would have been expected for that particular hospital, given what we know of the characteristics of patients admitted?" The statistics are presented in the hope that they will serve the public and the hospitals in their common interest of improving quality of care.

The development of mortality statistics is a complicated and controversial task, since the mortality rate at a given hospital may reflect, among other factors, age, sex, diagnosis, and severity of illness of patients admitted to that hospital, as well as the purpose and quality of the care they received. Characteristics affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations will vary.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted and the stability of these rates over time for each hospital. It is important to understand that the difference between the hospital's mortality rate and the predicted values in the tables contained in this document may not be a direct measure of the quality of care rendered in hospitals. There is one primary reason for this: we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals might have very different death rates for patients admitted for stroke, even after we have adjusted for age and sex. This might happen because one hospital's stroke patients consist of a significant number admitted in a coma and are thus more likely to die, whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support) and overall health status are not included in the predictive model because information on them is not readily available.

When properly understood and used, this information can be useful; it can also be very misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care, and is best used to view experience in individual hospitals rather than making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the ranges predicted by HCFA's model. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We asked each hospital to prepare its comments on the information being released to the public, and we are including those comments in this publication.

This information is an important contribution to the health care community and should be reviewed by a wide range of individuals and organizations including hospital administrators, Peer Review Organizations, physicians, and researchers. Among these audiences, perhaps the hospital administrator will find the information most useful--as a screening tool and in consulting with medical staff to evaluate a hospital's strengths and weaknesses. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed. For example, we expect that hospitals and their medical staffs, using established and newly emerging quality assessment techniques, will try to determine what useful information can be derived about their hospitals and how they function.

Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided, and should consider carefully the different roles that different hospitals play in their community. For example, one hospital might have different death rates than another because it serves more severely ill patients or because it is a trauma or emergency center.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we continue to believe that the models used in this work are reasonable and appropriate for the intent of the publication.

This year we made three significant changes in the way in which we presented this information:

- First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on this year's methodology.

- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files.

- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices.

During our discussions with the experts, it was further recommended that we concentrate our efforts this year on validation of the data. Therefore, we have undertaken the following validation studies targeted to coincide with this year's release of the Hospital Mortality Information:

- HCFA is engaged in a statistical evaluation of the Hospital Mortality Information using clinical data abstracted by MediQual Systems, Inc. from over 40,000 medical records from a carefully selected sample of hospitals. The data consist of clinical characteristics of Medicare patients as ascertained in the first 48 hours of hospitalization, and include data from the patient history and preadmission findings, to permit assessment of the severity of illness at admission and its impact upon mortality. The validation consists of a comparison of the results of the mortality rate analyses with and without the adjustments for patient severity permitted by the specially obtained clinical data. This will allow conclusions about the extent to which patient severity impacts the mortality rates. Hospitals which participated in this study have done so voluntarily. HCFA has shared hospital specific results with each facility from which medical records were abstracted.

- We will be comparing results of the mortality rate analyses with the results found by all Peer Review Organizations (PROs) in applying HCFA's Generic Quality Screens to cases reviewed as a part of ongoing PRO review activities. The purpose of this particular validation effort is to determine the extent to which an alternative presumed measure of quality of care correlates with mortality rates.

In addition, the format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals during the past 2 years regarding their patient-specific data and our mortality information publication.

Many suggestions from these sources have been incorporated into the final publication. For example, following the release, we examined a limited number of cases in which hospitals advised us that an individual shown as deceased on HCFA's records was in fact alive. An analysis of specific cases confirmed that there was a report of a date of death in the HCFA data base at the time the Medicare hospital mortality information was being analyzed. In most cases, we found that the source of the date of death in the record was the hospital inpatient bill provided by the facility. For example, the HCFA records showed that a bill submitted by Hospital "X" for an inpatient stay for a patient ending February 12, 1986 indicated the patient status at time of discharge as "Expired." This bill was processed on April 8, 1986 and served as part of the HCFA data base at the time we prepared the release of hospital mortality information. (For Medicare hospital mortality analyses, we used the Medicare billing records received for the June update of the MEDPAR file.) In July 1987, a bill was processed by HCFA for a subsequent hospital stay for this beneficiary and as a result we removed the date of death from our records. Unfortunately, this subsequent information was obtained too late to be included in the final information release. Although this type of billing problem was minimal on a national basis, we hope that an indirect byproduct of this process will be improved accuracy in coding and billing procedures.

The publication of Medicare Hospital Mortality Information is an ongoing process at HCFA. We are continuing to do everything we can to make this information more useful to both the public and the health care professions. We are refining ways to use the information as a screening tool for "quality of care" purposes, and we are developing tools to adjust for differences in disease severity. Thus, this year we provided hospitals with information on the Medicare Mortality Predictor System (MMPS) which is designed to help hospitals interpret the mortality rates of their patients. In addition, because we recognize that mortality rates alone do not adequately measure how effectively a hospital cares for its patients, we will be developing other measures of outcome, such as the need for medical treatment after discharge, to assess the performance of hospitals more fully.

Just as we made improvements in the methodology used last year, we expect that when the 1989 release is published, it, too, will reflect progress toward more accurate and useful information for hospitals, physicians, and consumers alike. This will contribute to assessment of and improvement in the effectiveness of medical services.

William L. Roper M D.

William L. Roper, M.D.
Administrator

DESCRIPTION OF MORTALITY INFORMATION

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information in this document.

The analyses of the mortality rates associated with hospitalizations in 1987 are very similar to those carried out last year on Medicare hospitalizations which occurred in 1986. Only one hospitalization for every patient was used--the last hospitalization with a discharge in calendar year 1987. The event evaluated was death within 30 days of admission to the hospital.

For each hospital, information is presented for overall Medicare patient mortality and each of 16 diagnostic categories. The information consists of the number of Medicare patients, the actual mortality rate, and a range of predicted mortality, given the mix of patients.

The reader should note three significant changes in the way the information is organized in this year's publication:

- First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on the revised methodology discussed below.
- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files. These hospital characteristics are found at the bottom of each hospital summary page containing the 1986 and 1987 mortality rates and ranges. A more detailed discussion of the hospital characteristics can be found in the section entitled "Hospital Characteristics Definitions."
- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices. Thus, the hospital information and comments are arranged alphabetically by State within each State's respective regional volume. A complete listing of States by region (and volume) can be found at Table 1.

Before reviewing the summary table for your hospital, it would be helpful to describe how the numbers were derived and what they mean:

- Number of Cases. This figure is the number of individual Medicare beneficiaries whose last discharge from a short term, acute care hospital in a calendar year was from the hospital listed. The total number for each hospital is presented under the category "all cases."

Similarly, for each diagnostic category, the number of cases consists of the number of Medicare beneficiaries whose last discharge in the calendar year was from the hospital cited and whose principal diagnosis at admission fell within the specific diagnostic category.

Since only a patient's last hospital discharge (including death occurring in a hospital) is "counted" in the total number, HCFA's computation and that maintained by individual hospitals will generally differ. For example, if John Doe was a patient at Hospital A three times during 1987, the methodology used in HCFA's analysis counts only the last discharge in 1987 in the hospital's total. Normally, a hospital maintains statistics regarding each of its admissions and so would count Mr. Doe as three cases. In addition, in this example, if Mr. Doe were admitted later in the year to Hospital B (another acute care hospital) and then discharged in 1987, and this latter stay represented his last discharge for 1987, his case would be counted in Hospital B's total and he would not appear at all in Hospital A's count.

The key factor to remember is that we are examining last hospital discharges in 1987. In some cases, this will necessitate the inclusion of certain patients admitted to the hospital in 1986 or who died in January 1988.

- Actual Mortality Rate. This figure presents the percentage of each hospital's Medicare patients who died within 30 days of the admission that resulted in the last-occurring discharge of the patient in 1987. (The percentage is rounded to the nearest whole percentage point.)

  Where, for example, Hospital A had a universe of 1000 patients whose last acute care hospital discharge in 1987 was from Hospital A, and 100 of these patients died within 30 days of their admission, whether as hospital inpatients or after discharge, the actual mortality rate would be 10 percent. This rate includes cases in which a beneficiary was admitted to the hospital in 1986 and was discharged in 1987. It also includes those instances in which a beneficiary was discharged in 1987 and died within 30 days of admission, even though the 30-day period extends into 1988. Cases in which the beneficiary was not discharged in 1987 are not part of the rate. For example, a person who was admitted to a hospital on December 28, 1987, discharged on January 5, 1988 and died on January 8, 1988 would not be a part of the calculation, even though that person died within 30 days of a 1987 admission.

- Range for Predicted Mortality. This column gives an estimate of mortality rates for cases equal in number and with the average characteristics of the cases treated by the hospital. The range is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: the number of high, low, and undefined risk hospital admissions in the previous six months, transfer status, age, sex, and presence of up to four of eight possible comorbid conditions--cancer, chronic cardiovascular disease, cerebrovascular degeneration/chronic psychosis, chronic pulmonary disease, chronic renal disease, chronic liver disease, diabetes, hypertensive disease--and by applying weights of the risk factors to the actual number of patients at the hospital to enable compilation of an expected mortality rate. This rate is converted, with adjustment for the variability expected given the number of cases, to a range of predicted mortality rates. It is important to note that the fewer the number of cases included in a given diagnostic category, the greater the uncertainty of the expected mortality range and, therefore, the wider the range. A larger number of cases yields greater precision, and therefore, a more narrow range of predicted mortality rates.

The principal source of data for the analysis was the HCFA Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospital discharge. Information about beneficiaries, including date of death, was obtained from the Social Security Administration.

The analyses were performed by means of logistic regression, with patients grouped into 17 distinct diagnostic categories: ten high risk and six low risk and one category containing all others. Similar to last year, the risk factors (covariates) included in the regression analyses within each diagnostic category were age, sex, significant comorbidities, number of admissions by risk category within 6 months, and status as a transfer patient. However, in response to comments on last year's definition of the diagnostic categories, the present categories are more risk-homogeneous. That is, the mortality rates associated with the ICD-9-CM codes for the principal diagnoses were evaluated and were used to determine whether a code should be placed in the high risk, the low risk, or the "undefined" category. Consequently, while the diagnostic categories still follow medical disciplinary lines, the range of mortality rates in each diagnostic category is more restricted. The net result is that the 16 specifically defined categories now account for about 65 percent of the patients, compared to 70 percent last year, and for about 72 percent of deaths, compared to 80 percent last year. A list of the ICD-9-CM codes used in each diagnostic category is attached in Table 2 and the list of the comorbidities is attached in Table 3. In the process of making these adjustments in the diagnostic categories, we have also modified the names of five categories to reflect more accurately their composition. These changes are: Neuropsychiatric/Sensory Disease (formerly Opthalmologic Disease), Musculoskeletal/Skin Conditions (formerly Orthopedic Disorders), Renal Failure (formerly Renal Disease), Infectious Disease (formerly Sepsis) and Cerebrovascular Accidents (formerly Stroke).

HOSPITAL COMMENTS

On September 15, 1988, HCFA mailed to each hospital its own mortality information and asked for comments by October 24, 1988. Each hospital's comments, if any, immediately follow its mortality information. The comments are generally reproduced as submitted by the hospital. However, some hospitals returned to HCFA an annotated copy of the information sent on September 15. These annotated materials have not been reproduced in this publication, even in those instances where they were the only form of comments submitted by a hospital. The reason for not printing these materials is one of privacy or because it would result in duplication of characteristics already corrected by HCFA. Information which would identify or possibly identify patients must be deleted, which would cause any remaining information to be of extremely limited, if any, use. Therefore, we have included a statement to identify instances when these types of materials have not been included. Other hospitals submitted comments that were more lengthy than those which we specified in our September 15 letter would be permitted and, therefore, were edited. As mentioned earlier, it is extremely important that the information presented in the tables be reviewed in concert with the hospital's comments.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner to allow every opportunity for review and comment. Therefore, even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances were few in number.

INFORMATION SOURCES AND NOTES

It is important to note that this publication is based primarily on Medicare hospital billing information for calendar years 1985, 1986, and 1987. While the principal source for the analysis was the HCFA-maintained MEDPAR file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit such information to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries). The file is updated quarterly. It is estimated that billing information on approximately 95 percent of all Medicare discharges is included in the MEDPAR file within 6 months of the close of the calendar year. Accordingly, our analysis was based on information received through June 10, 1988.

In any large-scale data base such as one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results.

Nonetheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is being reviewed:

- The information used is billing data and is only as good as the information submitted by hospitals as a part of the payment process. Although there is always a possibility that coding errors are included, for our purposes here, it is assumed that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly.

- The hospitals included in this analysis are short-term, acute care facilities which were identified by their unique provider number. All facilities which have a zero in the third position of their provider number are by definition participating in Medicare as short-term, acute care facilities. All other facilities--those with something other than a zero in the third position of the provider number--were excluded from the analysis. In some cases, hospital names suggest an orientation different from acute care. This does not mean the facility is inappropriately included in the publication.

- There is some information in the file which does not reflect the results of review by Peer Review Organizations (PROs), the entities charged with reviewing hospital services provided to Medicare beneficiaries. For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that it is possible that PRO changes in diagnosis assignment may not be submitted to HCFA and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, any major changes in diagnosis assignment which are not reflected in the data base would have a bearing on calculation of mortality rates in individual diagnostic categories and may also have a bearing on comorbidities. Some hospitals pointed out instances where the hospital's mortality information did not agree with HCFA's; e.g., different date of death, cases of subsequent admission to another facility, or changes in diagnostic codes. The data base used in this analysis has not been revised to reflect these potential discrepancies. Rather, we are examining all hospital comments to ensure that changes to our data systems and processes can be made when warranted so that future releases will be even more accurate. Readers are urged to review any hospital comments with a specific view toward these types of issues.

- The predictive model used in this effort does not explain all variability in outcome. Most notably, a measure of severity of illness has not been included in the model, and, therefore, the predictive power of the model is less precise than it would be if such a measure had been available. Nonetheless, the information included in this document does legitimately contribute to the body of information about hospital performance.

HOSPITAL CHARACTERISTICS DEFINITIONS

In this year's publication, we have included hospital characteristics information such as bed size, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association (AHA) 1987 Annual Survey of Hospital Files. Where hospitals did not provide information on a particular item, it has been listed as "not available." This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's Medicare/Medicaid Automated Certification System (MMACS) Files.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges.

SURVEY AND YEAR: AHA 1987	Source = American Hospital Association 1987 Annual Survey of Hospital Files
o Total beds (#):	Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up and staffed for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.
o Occupancy rate (%):	Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)
o Ownership/control:	State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government

STAFFING:

o Total number of physicians:	Total active and associate medical staff
o Percent of Board-Certified Specialists	Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.
o Interns and residents:	Full-time equivalent (FTE) medical residents
o Registered nurses:	Full-time equivalent (FTE) registered nurses
o Licensed practical nurses:	Full-time equivalent (FTE) licensed practical nurses

SPECIALTY SERVICES:

o Shock/trauma unit:	Provides emergency and specialized intensive care to critically injured patients.
o Burn unit:	Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.
o Medical/surgical intensive care:	Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.
o Cardiac intensive care:	Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

o Organ transplant service	The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.
o Hospice care:	A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Medicare/Medicaid Automated Certification System (MMACS) definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges. Please note that there are no specific definitions of the specialty services in MMACS, and the characteristics that appear are those reported by the hospital.

SURVEY AND YEAR: HCFA 19_	Source = Health Care Financing Administration MMACS Files
o Total beds (#):	Total number of operational beds eligible for Medicare reimbursement.
o Ownership/control:	Church; private; Federal, State, local government, or hospital district or authority; proprietary.
STAFFING:	
o Interns and residents:	Full-time equivalent (FTE) medical residents
o Registered nurses:	Full-time equivalent (FTE) registered nurses
o Licensed practical nurses:	Full-time equivalent (FTE) licensed practical nurses

o	Organ transplant service:	The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.
o	Hospice care:	A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death.

Table 1

STATES BY REGION	LOCATION OF HCFA REGIONAL OFFICE
Connecticut	Boston(I)
Maine	
Massachusetts	
New Hampshire	
Rhode Island	
Vermont	
New Jersey	New York(II)
New York	
Puerto Rico	
Virgin Islands	
Delaware	Philadelphia(III)
District of Columbia	
Maryland	
Pennsylvania	
Virginia	
West Virginia	
Alabama	Atlanta(IV)
Florida	
Georgia	
Kentucky	
Mississippi	
North Carolina	
South Carolina	
Tennessee	
Illinois	Chicago (V)
Indiana	
Michigan	
Minnesota	
Ohio	
Wisconsin	
Arkansas	Dallas (VI)
Louisiana	
New Mexico	
Oklahoma	
Texas	

Table 1 (Cont.)

STATES BY REGION	LOCATION OF HCFA REGIONAL OFFICE
Iowa	Kansas City(VII)
Kansas	
Missouri	
Nebraska	
Colorado	Denver(VIII)
Montana	
North Dakota	
South Dakota	
Utah	
Wyoming	
American Samoa/Guam	San Francisco(IX)
Arizona	
California	
Hawaii	
Nevada	
Alaska	Seattle(X)
Idaho	
Oregon	
Washington	

Table 2

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
High Risk	
Cancer	141, 147, 150-151, 156-159, 162.2-164, 171.5, 171.8, 171.9, 172.8, 179, 180.9 183, 189.0, 191, 192.2, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.8, 198.0- 198.1, 198.3-198.8, 199-208
Cerebrovascular Accidents	430-432, 433.0, 434, 436
Severe Acute Heart Disease	410, 415, 421.0, 421.9, 423.0-423.2, 427.4-427.5, 441.0, 441.1, 441.3, 441.5, 444.1, 447.2, 785.5
Severe Chronic Heart Disease	397, 398.91, 416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 441.2, 442.2, 453.2
Gastrointestinal Catastrophes	452, 453.0, 456.0, 456.20, 530.4, 530.8, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 551, 557.0, 558.2, 560.0, 560.2, 560.89, 567, 569.83, 570, 571.2, 571.5-571.6, 572.2-572.4, 572.8
Metabolic/ Electrolyte Disorders	250.2-250.3, 260-263, 273, 275.4, 276.0, 276.2, 276.4-276.5, 277.3
Pulmonary Disease	481, 482.0-482.1, 482.3-482.9, 485-486, 500-505, 507, 508.0, 510, 511.1-511.9, 512-516.0, 518.0-518.1, 518.4, 518.5, 519.2-519.3
Renal Failure	584-586
Infectious Disease	018, 027.0, 036, 038, 040, 046-048, 049.0-049.1, 054, 060, 070.0, 070.2, 070.4, 070.6, 112, 116-117, 136.3, 320-320.7
Severe Trauma	806.0-806.1, 807.4, 851-853, 861.0-861.1, 861.3, 864, 868-869, 875.1, 901-902, 933.1, 934, 946.3-946.5, 948.4-948.9, 958.4

Table 2 (cont.)

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
Low-Risk	
Neuropsychiatric/Sensory Disease	290-292, 293.1-293.9, 294-309, 311-319, 331.1-331.9, (excluding 331.7), 332-334 (excluding 334.4), 337 (excluding 337.1), 340, 342-343, 344.2-344.9, 345.0-345.2, 345.4-345.9, 346-347, 348.0, 350-358 (excluding 357.1-357.4 and 358.1), 360-389
Gynecologic Disease	614-627 (excluding 619.1)
Low-Risk Heart Disease	390, 393, 401, 402.00, 402.10, 402.90, 405, 411.1-411.8, 413-414, 417, 420.9, 422.9, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433.1-433.9, 435, 437.2, 442.0-442.1, 442.3-442.9, 447.0-447.1, 447.3-447.9, 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0
Gastrointestinal Disease	520-527, 528.2, 528.4-528.9, 529, 530.0-530.3, 530.5-530.7, 530.9, 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.81, 537.9, 540-543, 550, 552, 558.1, 558.9, 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574.00, 574.10, 574.20, 574.30, 574.40, 574.50, 575.0-575.3, 575.5-575.6, 575.9, 576.0, 576.9, 577.1, 577.9, 579
Urologic Disease	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596.0, 596.2-596.5, 596.7-596.9, 597-598, 599.1-599.9, 600-606, 607.0-607.1, 607.3-607.9, 608.0-608.3, 608.8-608.9

Table 2 (cont.)

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
Musculoskeletal/Skin Conditions	680-686, 690-698, 700-706, 707.1-707.9, 708-709, 710.0, 710.2-710.9, 714.0-714.4, 714.89, 714.9, 715-744, 746-758, 800.0, 800.5, 801.0, 801.5, 802, 805, 806.2-806.9, 807.00-807.06, 807.1-807.3, 807.5-807.6, 808-819, 822-838, 839.1-839.9, 840-848, 850, 854.00-854.04, 854.06-854.09, 861.2, 862, 867.1, 867.3-867.9, 870-874, 875.0, 876-887, 890-897, 905-929

The number of digits in the code indicated is important in identifying the included diagnoses. If a 3 digit code is given, all diagnoses with the first three digits indicated are included. Thus, if there is a 4th and 5th digit subclassification for the code, diagnoses with these 4th and 5th digits are included.

If a 4 digit code is given, all diagnoses with the first four digits indicated are included. Additionally, if there is a 5th digit subclassification for the code, the diagnoses with the first four digits indicated and any of the 5th digits are included. Codes specified to the 5th digit were defined with greater clinical detail and include only that diagnosis.

Where a range of codes are specified (such as 290-292) all diagnoses through 292 are included. The rules for interpreting what is included in the 3 digit code of 292 are indicated above.

Table 3

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic Liver Disease	571-572.8
Chronic Renal Disease	582-583.9, 585-587
Chronic Cardiovascular Disease	412-414.9, 426-429.1
Chronic Pulmonary Disease	491-493.9, 496
Cerebrovascular Degeneration/ Chronic Psychosis	290-290.9, 294-299.9
Hypertensive Disease	402-405.99
Diabetes	250.01, 250.1-250.9

(A comorbidity is taken to be present if its ICD-9-CM code appears on the bill as any one of the up to four additional diagnoses beyond the principal diagnosis.)

ALEXIAN BROTHERS HOSPITAL

655 EAST JERSEY ST
ELIZABETH, NJ 07206

Medicare Hospital Provider Number: 310033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,303	11	9 - 14	1,426	11	10 - 15
Cancer	28	39	25 - 62	44	34	28 - 59
Cerebrovascular Accidents	34	18	14 - 41	53	26	16 - 41
Gastrointestinal Catastrophes	24	25	18 - 56	15	20	16 - 60
Infectious Disease	25	44	16 - 56	21	24	18 - 57
Metabolic/Electrolyte Disorders	31	23	9 - 44	32	25	10 - 45
Pulmonary Disease	47	21	13 - 39	58	22	17 - 41
Renal Failure	23	26	12 - 63	17	24	15 - 70
Severe Acute Heart Disease	37	38	22 - 54	37	38	25 - 57
Severe Chronic Heart Disease	69	16	14 - 33	75	25	17 - 38
Severe Trauma	1	0	0 - 99	1	0	1 - 97
Gastrointestinal Disease	124	2	1 - 8	138	4	1 - 9
Gynecologic Disease	13	0	0 -100	13	0	0 - 95
Low-Risk Heart Disease	162	5	1 - 10	212	3	1 - 7
Musculoskeletal/Skin Conditions	122	2	1 - 8	146	3	1 - 10
Neuropsychiatric/Sensory Disease	39	5	0 - 39	40	2	0 - 29
Urologic Disease	43	0	0 - 22	56	4	0 - 47

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	188
Occupancy Rate (%):	93
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	225
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	184
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ALEXIAN BROTHERS
Hospital

Hospital ID#: 310033

October 14, 1988

William L. Roper, M.D.
Administrator
Health Care Finance Administration
Department of Health and Human Services
Washington, D.C., 20201

Dear Dr. Roper:

I wish to thank you for the opportunity to comment on your hospital-specific mortality data planned for release some time during the month of December.

Alexian Brothers Hospital has a strong belief in the public's right to have access to legitimate information concerning the quality of health care being rendered by both individual physicians and hospitals. We do not, however, believe that HCFA's data represents "legitimate" information relative to quality of care. Although it may not be your intent, the establishing of predicted ranges for mortality implies that if you are above or below the norms then a quality problem does in fact exist; this information provides no valid indication of the quality of care provided by the hospital.

Still missing from the statistical model used to interpret the data is the ability to determine the severity of illness of the patient at the time of an admission. Regardless of whether a patient is admitted with a multitude of problems or with just one, the model does not distinguish between the two cases in determining the mortality rate. Since Alexian Brothers Hospital is an End Stage Renal Disease provider, many of our Medicare patients have acute renal conditions as a secondary or tertiary condition, therefore placing them at a higher risk.
Clearly, this important issue still has not been addressed despite the modifications in the new model.

655 East Jersey Street
Elizabeth, New Jersey 07206
201·351·9000

The format of providing two years data for comparison purposes, is again implying that the data can be interpreted as a gauge of quality of care. Despite your claims to the contrary, the consumer may interpret that an increase or decrease in a specific category from one year to the next, is an indication that there was a problem which has been addressed, which caused the decrease or there is a new problem which has not been acted upon.

Alexian Brothers Hospital has had an extensive hospital wide quality assurance program in effect for many years. The key element of this system is "peer review". Generic screens, which are a much more sensitive indicator than those used in your model are applied to every patient medical record on a concurrent basis to identify those cases with potential quality concerns. These charts are then reviewed by a group of physicians whose findings are reported to the Executive Committee of the Medical Staff, for action when necessary, and eventually to the Board of Directors and Trustees of the hospital. This system provides for a much more comprehensive and effective quality assurance program than the gathering and publication of just statistical data. While you extract information from bills submitted, the quality assurance department extracts information from actual medical records, which is a more specific source of data.

The hospital has maintained its accreditation from the Joint Commission on accreditation of Healthcare Organizations, whose main focus is the evaluation of hospitals' quality assurance mechanisms. As the criteria for accreditation is very stringent and each hospital is evaluated individually over a number of days by a team of specialists in their field, it may be more appropriate to use this as a gauge for the quality of healthcare provided by the hospital.

As in previous years, Alexian Brothers strongly recommends that the public be cautioned that this data does not provide in any way an index of hospital performance.

Thank you once again for the opportunity to comment on this information.

Sincerely,

Michael J. Schwartz
President/Chief Executive Officer

MJS/kh

ATLANTIC CITY HOSP

1925 PACIFIC AVE
ATLANTIC CITY, NJ 08401

Medicare Hospital Provider Number: 310064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,422	13	11 - 15	3,523	13	12 - 16
Cancer	125	46	33 - 55	154	41	34 - 55
Cerebrovascular Accidents	148	27	19 - 36	167	34	20 - 36
Gastrointestinal Catastrophes	19	32	12 - 56	41	27	23 - 55
Infectious Disease	38	47	17 - 51	32	34	21 - 57
Metabolic/Electrolyte Disorders	56	32	14 - 44	57	25	15 - 43
Pulmonary Disease	132	27	15 - 33	136	27	16 - 35
Renal Failure	5	20	11 - 82	17	47	18 - 75
Severe Acute Heart Disease	171	42	31 - 49	195	37	30 - 46
Severe Chronic Heart Disease	218	21	19 - 32	227	21	17 - 30
Severe Trauma	6	17	5 - 69	8	25	7 - 68
Gastrointestinal Disease	218	2	2 - 7	220	3	1 - 7
Gynecologic Disease	23	0	0 -100	28	0	0 - 95
Low-Risk Heart Disease	461	3	2 - 6	419	2	2 - 6
Musculoskeletal/Skin Conditions	285	1	2 - 5	262	3	1 - 7
Neuropsychiatric/Sensory Disease	187	0	1 - 5	146	3	0 - 11
Urologic Disease	115	4	0 - 19	131	2	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	625
Occupancy Rate (%):	63
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	204
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	27
Registered Nurses:	413
Licensed Practical Nurses:	79

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BARNERT MEMORIAL HOSP CENTER

680 BROADWAY
PATERSON, NJ 07514

Medicare Hospital Provider Number: 310026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,096	10	8 - 13	1,279	11	8 - 13
Cancer	28	36	22 - 59	33	39	24 - 59
Cerebrovascular Accidents	50	16	17 - 39	58	17	16 - 37
Gastrointestinal Catastrophes	13	23	12 - 60	9	44	9 - 69
Infectious Disease	6	50	3 - 75	6	67	13 - 79
Metabolic/Electrolyte Disorders	18	28	9 - 53	27	30	8 - 47
Pulmonary Disease	61	10	17 - 35	53	34	13 - 40
Renal Failure	1	0	0 - 97	4	75	12 - 88
Severe Acute Heart Disease	34	21	20 - 49	45	38	27 - 56
Severe Chronic Heart Disease	60	28	11 - 35	75	17	14 - 33
Severe Trauma	0	-	-	2	0	2 - 89
Gastrointestinal Disease	82	4	1 - 14	106	5	1 - 13
Gynecologic Disease	4	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	153	6	1 - 11	192	2	1 - 7
Musculoskeletal/Skin Conditions	123	2	0 - 11	137	1	1 - 6
Neuropsychiatric/Sensory Disease	83	0	0 - 11	95	0	0 - 7
Urologic Disease	58	0	0 - 11	65	2	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	207
Occupancy Rate (%):	80
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	185
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	154
Licensed Practical Nurses:	49

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BAYONNE HOSP DISPENSARY

29 EAST 29TH ST
BAYONNE, NJ 07002

Medicare Hospital Provider Number: 310025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,297	10	10 - 14	2,454	11	11 - 15
Cancer	82	48	33 - 58	94	39	32 - 56
Cerebrovascular Accidents	86	17	20 - 38	119	21	19 - 35
Gastrointestinal Catastrophes	27	37	21 - 60	26	35	19 - 59
Infectious Disease	10	40	7 - 65	12	42	14 - 67
Metabolic/Electrolyte Disorders	56	25	13 - 41	57	32	18 - 47
Pulmonary Disease	96	19	16 - 35	112	18	16 - 34
Renal Failure	10	30	16 - 78	7	29	13 - 80
Severe Acute Heart Disease	78	35	27 - 51	92	37	27 - 49
Severe Chronic Heart Disease	122	16	16 - 31	174	16	20 - 33
Severe Trauma	1	100	0 - 97	2	0	6 - 90
Gastrointestinal Disease	221	3	2 - 8	192	2	1 - 7
Gynecologic Disease	14	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	316	2	2 - 5	339	1	2 - 5
Musculoskeletal/Skin Conditions	164	2	1 - 7	192	4	1 - 8
Neuropsychiatric/Sensory Disease	135	3	1 - 9	122	2	0 - 10
Urologic Disease	96	1	0 - 11	100	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	299
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	134
Percent of Physicians Who Are Board Certified Specialists:	56
Interns and Residents:	0
Registered Nurses:	181
Licensed Practical Nurses:	85

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BAYONNE
HOSPITAL
29 East Twenty Ninth Street
Bayonne, New Jersey 07002
201 858-5000

DENNIS J. BRUSCHI
EXECUTIVE VICE PRESIDENT

October 21, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Admininstration
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to comment on the HCFA Medicare Mortality data for Bayonne Hospital (310025) prior to its release in December, 1988.

This data shows that 225 of 2,297 Medicare patients admitted to Bayonne Hospital died within 30 days of their only or last admission to this hospital. As a point of information, our own records show 4,079 Medicare patients were admitted during 1987. We realize this difference is due to multiple admissions of Medicare patients to this hospital, since the number HCFA used excludes all but the last admission of Medicare beneficiaries admitted more than once during the year.

Our records also show that of the 225 Medicare patients who died within 30 days of admission, 12 were still alive at the time of discharge. Information concerning the cause of death of these 12 patients after discharge is not easily obtainable.

Bayonne Hospital's 1987 mortality rates for the overall category and 15 of the 16 diagnostic categories fell within the range for predicted mortality. We have a concern about the 100% mortality rate for the severe trauma category where the only patient in this category died. The range for predicted mortality for this category is 0% to 97%.

This elderly male patient was admitted through our emergency room after he allegedly fell down a flight of stairs. He was found to have a subarachnoid hemorrhage and was comatose. The patient was seen by a neurologist and treated appropriately. Unfortunately 15 days later the patient had a cardiopulmonary arrest and died despite resuscitation attempts.

We do not feel that any conclusion can be or should be drawn when a singular death creates a 100% mortality rate and this rate falls outside the range for predicted mortality. It is our understanding the statistical methods used to determine the range for predicted mortality only indicate whether it is likely that the hospital's mortality rate differs from the average. It is evident that one cannot make any judgements from a sample of one patient dying in a diagnostic category.

We also wish to clarify some of the hospital characteristics which are incorrect. As recorded in the 1987 American Hospital Association annual survey, Bayonne Hospital is a 299 bed private, non-profit institution. Our occupancy rate in 1987 was 88%. We had 134 physicians on our active medical staff and 56% of these physicians are board certified. We had 0.77 registered nurses per bed and 0.32 licensed practical nurses per bed. It should be noted that a significant number of these nurses work part time.

To reiterate our response of last year to the 1986 mortality data, quality of patient care is of the highest importance to the Board of Directors, Medical Staff, and Administration of Bayonne Hospital. We would like to emphasize that this data alone cannot demonstrate the quality of care provided by any hospital. The HCFA data is only one of many indicators that can be used to evaluate a hospital's quality of care.

Sincerely,
Dennis J Bruschi
Dennis J. Bruschi
Chief Executive Officer

BAYSHORE COMMUNITY HOSP

727 N BEERS ST
HOLMDEL, NJ 07733

Medicare Hospital Provider Number: 310112

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,801	13	11 - 16	1,936	15	11 - 16
Cancer	67	43	31 - 58	62	45	30 - 58
Cerebrovascular Accidents	84	26	18 - 38	89	28	19 - 40
Gastrointestinal Catastrophes	18	28	18 - 61	13	62	17 - 68
Infectious Disease	16	13	17 - 55	24	33	19 - 58
Metabolic/Electrolyte Disorders	46	17	11 - 40	49	29	11 - 42
Pulmonary Disease	84	26	15 - 36	94	23	17 - 37
Renal Failure	5	40	9 - 84	15	40	16 - 74
Severe Acute Heart Disease	82	34	27 - 49	83	46	29 - 52
Severe Chronic Heart Disease	141	30	17 - 34	142	25	16 - 32
Severe Trauma	2	0	4 - 89	2	100	0 - 93
Gastrointestinal Disease	160	4	1 - 9	150	1	1 - 7
Gynecologic Disease	4	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	207	2	2 - 6	255	3	2 - 7
Musculoskeletal/Skin Conditions	132	4	1 - 10	158	5	1 - 10
Neuropsychiatric/Sensory Disease	39	0	1 - 13	33	3	0 - 37
Urologic Disease	86	1	0 - 12	95	2	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	218
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	169
Percent of Physicians Who Are Board Certified Specialists:	62
Interns and Residents:	0
Registered Nurses:	146
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Bayshore
Community
Hospital

727 North Beers Street
Holmdel, New Jersey 07733
(201) 739-5900
Direct Dial 739-5904

October 12, 1988

William L. Roper, M.D.
Administration
Health Care Financing Administration
Washington, D.C. 20201

Dear Dr. Roper:

Thank you for allowing us the opportunity to review the 1987 Medicare Mortality Data assembled by the Health Care Financing Administration and to prepare and present a response to the findings.

While we at Bayshore Community Hospital fall well within the prescribed ranges, we continue to remain wary and caution others not to use these data as a standard by which to judge the quality of care rendered at any given healthcare facility. We will however, utilize this information internally as one part of our existing Quality Assurance Program. We do agree with the objective to develop "additional statistical measures to deal with complex issues such as severity of illness", and encourage you to incorporate these measurements in the future.

Additionally, we ask that the following corrected information be reflected in the publication of Bayshore Community Hospital's characteristics. We are licensed as a 218-bed, not 189-bed, acute care facility, and we do have a Coronary Care Unit. Apparently, the 1986 AHA information indicated otherwise, but we would appreciate these revisions prior to your final publication in December, 1988.

Again, thank you for the opportunity to review and comment on our hospital specific data.

Sincerely,

Thomas Goldman, F.A.C.H.E.
President

/mk

cc: N. Kalkay, M.D.
S. Kay
K. Stein

BERGEN PINES CO HOSP

EAST RIDGEWOOD AVE
PARAMUS, NJ 07652

Medicare Hospital Provider Number: 310058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	733	15	7 - 13	877	12	6 - 12
Cancer	3	67	6 - 87	12	33	17 - 68
Cerebrovascular Accidents	6	33	4 - 73	10	20	9 - 60
Gastrointestinal Catastrophes	6	83	7 - 70	5	20	4 - 74
Infectious Disease	11	73	13 - 65	6	33	6 - 74
Metabolic/Electrolyte Disorders	27	30	6 - 46	24	33	6 - 48
Pulmonary Disease	79	39	17 - 41	85	25	15 - 36
Renal Failure	3	67	4 - 87	1	100	2 - 97
Severe Acute Heart Disease	19	42	16 - 59	19	47	21 - 64
Severe Chronic Heart Disease	22	23	12 - 48	27	41	9 - 46
Severe Trauma	2	50	1 - 93	0	-	-
Gastrointestinal Disease	25	0	0 - 27	23	0	0 - 37
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	53	8	0 - 27	79	5	1 - 16
Musculoskeletal/Skin Conditions	27	7	0 - 84	39	0	0 - 26
Neuropsychiatric/Sensory Disease	254	0	0 - 6	295	1	0 - 6
Urologic Disease	10	0	0 - 99	13	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	1,045
Occupancy Rate (%):	90
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	66
Percent of Physicians Who Are Board Certified Specialists:	53
Interns and Residents:	19
Registered Nurses:	352
Licensed Practical Nurses:	118

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BERGEN PINES COUNTY HOSPITAL
East Ridgewood Avenue, Paramus, NJ 07652
201/967-4000

DEPARTMENT OF MEDICINE
201/967-4275

Mark K. Adler, M.D., F.A.C.P.
Director of Medicine
Director of Medical Education
Clinical Associate Professor of Medicine
UMDNJ/NJMS

BERGEN PINES HOSPITAL BOARD

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Edward M. Lewis
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Executive Officer

Geraldine Condon
Secretary to the
Hospital Board

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: COMMENTS TO HCFA MEDICARE STUDY FOR THE YEAR 1987

The HCFA Medicare Report for the year 1986 stated that our hospital had a higher than expected mortality rate for medicare patients. A study by the Peer Review Organization (PRO) of New Jersey, a private non-profit group under contract with the federal government to oversee the quality of care given to medicare beneficiaries, found our hospital to be well within the expected mortality range for medicare patients for the year 1986. The discrepancy between the two studies is explained as being due to methodology. Our acute care hospital is part of an 1100-bed county hospital, having over 500 long-term-care beds. We also serve as the referral hospital for nursing homes in the area, making us the last station on a long voyage. This fact makes our hospital an outlier not suitable for analysis by HCFA methods. You list us as having an 83% mortality rate for gastrointestinal catastrophes in 1987 whereas we had only a 20% mortality rate in 1986. In 1986 we had 5 cases and in 1987 we had 6 cases. Similarly, HCFA reports a 73% mortality rate from infectious disease as compared to 33% in 1986. In 1987 we had 11 cases and in 1986, 6 cases. Clearly, analysis of such small numbers is meaningless.

The reported increase of 15% deaths as compared to 12% deaths in 1986 is accounted for by the drop in cases to 733 as compared to 877 in 1986. We have no way of verifying HCFA figures; however, our admission patterns for the geriatric population did not change in 1987.

Sincerely yours,

Mark Adler

Mark K. Adler, M.D.
Director of Medicine
Director of Medical Education

MKA/eb

BETH ISRAEL HOSP
70 PARKER AVE
PASSAIC, NJ 07055

Medicare Hospital Provider Number: 310020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,519	14	12 - 16	1,700	16	12 - 17
Cancer	90	50	35 - 60	105	45	33 - 56
Cerebrovascular Accidents	72	24	16 - 37	59	24	17 - 41
Gastrointestinal Catastrophes	14	36	15 - 64	10	30	8 - 64
Infectious Disease	14	29	11 - 59	17	29	19 - 63
Metabolic/Electrolyte Disorders	43	35	16 - 48	36	42	13 - 48
Pulmonary Disease	67	25	21 - 44	64	41	20 - 46
Renal Failure	5	60	9 - 83	2	0	10 - 95
Severe Acute Heart Disease	52	62	28 - 55	65	52	28 - 53
Severe Chronic Heart Disease	69	25	12 - 34	81	25	17 - 38
Severe Trauma	3	33	1 - 89	4	0	6 - 72
Gastrointestinal Disease	122	0	2 - 7	123	5	2 - 11
Gynecologic Disease	7	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	170	6	1 - 10	218	4	2 - 8
Musculoskeletal/Skin Conditions	136	1	1 - 6	163	7	1 - 11
Neuropsychiatric/Sensory Disease	51	4	0 - 38	66	3	0 - 17
Urologic Disease	96	1	1 - 9	101	3	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 223
Occupancy Rate (%): 69
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 255
Percent of Physicians Who Are Board Certified Specialists: 60
Interns and Residents: 0
Registered Nurses: 107
Licensed Practical Nurses: 6

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

BETH ISRAEL HOSPITAL
70 PARKER AVENUE / PASSAIC, NEW JERSEY 07055 / (201) 365-5000
Founded 1926

October 21, 1988

JEFFREY S. MOLL
Executive Director
LAWRENCE GURTMAN
President
MILTON KLEINMAN
GERALD LIPKIN
NORMAN PICKELNY
ROBERT RACHESKY
ROBERT SINGER
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ARTHUR GURTMAN
SECRETARY
SAM JAFFE
Treasurer

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

ATT: Mrs. Sandra Kappert

Dear Mrs. Kappert:

All cases which expired within 30 days after admission were reviewed and the care rendered during the hospital stays were measured against reference criteria. Because the number of cases in the diagnostic category: severe acute heart disease lay outside the standard, particular emphasis was placed on the review of those cases and will be commented upon.

There were 52 cases listed. There were 43 cases coded as 410.X; 4 cases as 415.X; 1 case as 421.X; and 4 cases as 441.3.

410.X - Acute myocardial infarction
415.X - Acute pulmonary heart disease
421.X - Acute and subacute endocarditis
441.3 - Ruptured abdominal aneurysm

The date of death was listed incorrectly on 2 cases:
[redacted] listed 2/23/87 - actual 2/22/87
[redacted] listed 2/10/87 - actual 2/6/87

There was one case listed as not having died within 30 days which did expire in the hospital: [redacted].

There were 19 cases which either did not expire or expired after the 30 day limit (2).

Of the 43 cases of 410.X - 26 expired in the hospital, 15 did not expire that we are aware of and 2 expired after 30 days.

Of the 4 cases of 415.X - 2 have not expired and 2 have: 1 in the hospital 10 days after admission and 1 two days after being discharged to a nursing home as improved.

The 1 case listed as 421.X expired in the hospital after 22 days because of cranial, renal and pulmonary failure complicating the ASHD.

All cases of 441.3 expired in the hospital in less than 24 hours. Each patient was admitted in shock from the ruptured aortic aneurysm. Two went to surgery, one expired before surgery and the family refused surgery on 1 case.

Of the 410.X, 10 cases expired within 36 hours after admission and was associated with cardiogenic shock, congestive failure and/or respiratory failure. The remaining 16 which died in the hospital did so because the associated complications and the myocardial problems could not be controlled.

Of the patients who died in the hospital or within 30 days, 6 were admitted from nursing homes.

The severity of illness, using a scale of 1-3, for each case which expired except [redacted], could be classified as level 3 (severe with multiple system failure). Both exceptions illustrated signs of improvement for 1 to 6 days prior to a sudden cardiac arrest which was not reversible.

Conclusion:

1. There was no physician pattern related to the deaths.

2. The number of cases in comparison to the norm was skewed high because of the 8 cases which arrived at the hospital in either cardiac arrest or severe cardiogenic shock. (see list)

3. There does not appear, based on criteria comparison, that any inappropriate care was rendered to those patients specifically reviewed.

4. The addition of 441.3 to the group of severe heart disease alters the results of the category and appears to be a misfit. Statistically, 441.3 has a 75% mortality rate which will push any stats in a higher direction.

If 441.3 and those patients which arrived in cardiac arrest or irreversible cardiogenic shock were removed from the list, the remainder would fall within the norm range.

If I can be of further assistance, please do not hesitate to contact me.

Sincerely,

Jeffrey S. Moll
Executive Director

JSM:bs
encl.

BRIDGETON HOSP

IRVING MAGNOLIA AVES
BRIDGETON, NJ 08302

Medicare Hospital Provider Number: 310068

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,351	13	9 - 14	1,496	13	10 - 14
Cancer	47	45	30 - 60	48	50	30 - 61
Cerebrovascular Accidents	61	31	15 - 39	49	33	16 - 43
Gastrointestinal Catastrophes	16	44	15 - 63	10	60	14 - 70
Infectious Disease	8	50	11 - 73	15	33	15 - 62
Metabolic/Electrolyte Disorders	25	28	8 - 48	32	22	16 - 49
Pulmonary Disease	61	23	13 - 37	70	30	13 - 37
Renal Failure	8	25	8 - 73	8	50	11 - 78
Severe Acute Heart Disease	40	35	22 - 53	69	46	27 - 52
Severe Chronic Heart Disease	70	21	12 - 33	94	21	13 - 32
Severe Trauma	2	0	2 - 89	1	0	0 - 98
Gastrointestinal Disease	91	4	1 - 14	106	7	0 - 16
Gynecologic Disease	10	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	156	5	1 - 10	209	6	1 - 9
Musculoskeletal/Skin Conditions	113	1	0 - 7	123	0	1 - 5
Neuropsychiatric/Sensory Disease	132	2	0 - 10	142	1	0 - 7
Urologic Disease	35	0	0 - 50	56	0	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	252
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	69
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	95
Licensed Practical Nurses:	70

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BRIDGETON
HOSPITAL
ASSOCIATION, INC.

IRVING & MANHEIM AVENUES
BRIDGETON, NEW JERSEY 08302
(609) 451-6600
PAUL S. COOPER, PRESIDENT
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L. ALBERTSON HUBER
Secretary

October 24, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Re: Hospital ID 310068

Dear Mrs. Kappert:

We have reviewed the preliminary release of Hospital Specific Characteristics and the Medical Hospital Mortality Information for 1987.

Some changes in hospital size and services have occurred since the AHA Annual Survey of Hospitals for 1986. These changes are noted below.

Beds (#): 252, 166 medical-surgical
Specialty services: coronary care unit (1) yes
Hospice care (2) yes

(1) Part of the 10-bed Intensive Care Unit
(2) Part of corporate structure

Please note that although we participate in the harvesting of organs, we do not provide organ transplant services at the hospital.

In reviewing the mortality rates for the selected diagnostic categories for 1987, we note that we fall within the range for predicted mortality. Since mortality rates are only one of the variables which need to be analyzed in evaluating quality of care, the hospital conducts a variety of activities to assure constant monitoring of risk indicators.

Each patient's care is reviewed through generic screen monitoring on a concurrent basis. Any deviations from the expected are referred to the attending physician or hospital department manager, to the Medical Director and administrative staff as appropriate. The Quality Assurance Board of the Hospital is informed of significant deviations and is empowered to take action on behalf of the Board of Directors if necessary.

The Medical Director reviews all deaths and submits comments to the Chiefs of Medical Departments for further review by professional peers. Any practice or service issues are addressed to the responsible individual(s).

Analysis of all Medicare deaths during 1987 shows that at least 30% of the patients had "Do Not Resuscitate" orders as determined by the physician in conjunction with family members. In another category, we found that 30% of the patients expired within 24 hours of admission. Although neither of these parameters exclude the case from intense review, they do point to a certain extremity of condition.

The Hospital has obtained the software to conduct the program for the Medicare Mortality Predictor System for analysis of patients admitted with conditions of stroke, pneumonia, acute myocardial infarction and congestive heart failure. We will analyze 1987 data as well as selected 1988 cases. We plan to use this method to analyze 1989 events on a concurrent basis to assist the Medical Director in focusing on those cases that require additional review.

We appreciate the opportunity to comment on the HCFA Mortality Data prior to release. We hope that the State PRO does not release mortality data again this year using different statistical methodologies, since this tends to confuse the consumer without adding any appreciable information to an already complex process.

Sincerely,

Ann M. Budde

Ann M. Budde
Vice President, Administration

amb/ccb

BURDETE TOMLIN MEMORIAL HOSP

RT 9 STONE HARBOR BLVD
CAPE MAY COURT HOUSE, NJ 08210

Medicare Hospital Provider Number: 310011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,200	14	11 - 16	2,455	16	13 - 17
Cancer	64	55	32 - 59	82	65	36 - 60
Cerebrovascular Accidents	116	26	20 - 38	149	28	19 - 36
Gastrointestinal Catastrophes	19	32	15 - 58	15	53	11 - 61
Infectious Disease	39	26	22 - 53	70	39	27 - 55
Metabolic/Electrolyte Disorders	38	39	12 - 47	74	23	12 - 38
Pulmonary Disease	128	23	17 - 35	124	26	20 - 39
Renal Failure	6	83	11 - 77	7	57	14 - 83
Severe Acute Heart Disease	120	35	27 - 47	156	25	30 - 47
Severe Chronic Heart Disease	144	27	16 - 32	162	23	17 - 32
Severe Trauma	1	100	0 -100	5	0	4 - 65
Gastrointestinal Disease	155	3	1 - 8	191	6	1 - 10
Gynecologic Disease	3	0	0 -100	11	9	0 -100
Low-Risk Heart Disease	289	5	1 - 7	260	6	1 - 8
Musculoskeletal/Skin Conditions	168	2	1 - 7	182	1	1 - 6
Neuropsychiatric/Sensory Disease	58	0	0 - 11	56	4	0 - 41
Urologic Disease	109	1	0 - 8	101	3	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	239
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

CHILTON MEMORIAL HOSP

97 W PKWY
POMPTON PLAINS, NJ 07444

Medicare Hospital Provider Number: 310017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,822	15	11 - 16	1,918	15	9 - 14
Cancer	76	29	31 - 56	68	29	23 - 49
Cerebrovascular Accidents	86	29	18 - 39	97	33	18 - 38
Gastrointestinal Catastrophes	20	15	19 - 56	21	43	13 - 57
Infectious Disease	37	46	25 - 59	47	40	17 - 49
Metabolic/Electrolyte Disorders	39	26	12 - 45	40	42	7 - 42
Pulmonary Disease	121	36	18 - 38	115	39	16 - 37
Renal Failure	9	67	11 - 75	9	56	10 - 76
Severe Acute Heart Disease	69	42	26 - 51	83	36	25 - 47
Severe Chronic Heart Disease	83	34	14 - 35	89	27	12 - 32
Severe Trauma	12	8	13 - 55	3	0	1 - 83
Gastrointestinal Disease	147	5	1 - 11	116	8	0 - 20
Gynecologic Disease	11	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	182	8	1 - 11	212	6	1 - 9
Musculoskeletal/Skin Conditions	153	7	0 - 13	160	1	0 - 6
Neuropsychiatric/Sensory Disease	78	5	0 - 18	79	5	0 - 52
Urologic Disease	88	0	0 - 8	102	2	0 - 29

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	248
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	195
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	202
Licensed Practical Nurses:	42

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CARING FOR YOU - CARING ABOUT YOU - CARING FOR YOU - CARING ABOUT YOU
CMH

Chilton Memorial Hospital

Pompton Plains · NJ · 07444
201/831·5000

VHA.
Member of Voluntary Hospitals of America, Inc.

October 20, 1988

William L. Roper, M. D.
Administrator
Health Care Financing Administration
Washington, D. C. 20201

Re: Medicare Provider No. 310017

Dear Dr. Roper:

Once again, I am pleased to have an opportunity to respond to the upcoming release of the 1987 Medicare Mortality Rates and the re-release of the recalculated rates for 1986.

The side-by-side comparison of the two years' data reveals that Chilton's actual mortality for all causes remained mathematically constant at 15% for the two years, and within acceptable limits for 1987; but one point beyond acceptable limits for 1986. The "range for predicted mortality" for the two years is, however, significantly different:

Year	HCFA Range for Predicted Mortality	Chilton Mortality
1986	9% - 14%	15%
1987	11% - 16%	15%

Our case review indicates that the 1986 range for predicted mortality is not reflective of our case mix.

Chilton Memorial Hospital falls within acceptable ranges for all sub-categories for 1987; and recalculated data for 1986 reveal that Chilton exceeds "expected mortality rates" for one category (pulmonary disease) for 1986, not four categories as originally published.

While HCFA continues to make significant changes, and apparently improve its statistical model, we believe that serious technical problems still remain to be solved before quality of care can be inferred from death rates.

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As we did last year, we again acknowledge that Chilton Memorial Hospital is geographically located such that we are the prime receiving hospital in the area for a concentrated number of nursing homes who send us patients who are frequently at the end stage of their illness and oftentimes near death when admitted. Our case by case review of all mortalities reveals that the HCFA statistical model does not yet include factors such as a true severity of illness indicator, as well as statistical provisions for personal and family requests that no excessive medical or technological intervention be used to prolong life beyond its natural limits.

Chilton Memorial Hospital reaffirms that we will never refuse to accept a terminally ill patient. We will continue to admit severely ill patients from area nursing homes because it is the ethical and humane thing to do. We remain committed to providing the highest quality of medical care as proven by our more than 35 years of excellence in serving the families of our 20 surrounding communities.

Sincerely,

Gerald M Krantz

Gerald M. Krantz, FACHE
President & Chief Executive Officer

GMK:pk

CHRIST HOSP

176 PALISADE AVE
JERSEY CITY, NJ 07306

Medicare Hospital Provider Number: 310016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,307	10	11 - 15	2,218	12	11 - 15
Cancer	147	37	35 - 55	155	40	35 - 56
Cerebrovascular Accidents	93	18	19 - 37	72	36	18 - 42
Gastrointestinal Catastrophes	15	20	18 - 62	21	19	19 - 57
Infectious Disease	31	23	23 - 56	15	47	16 - 65
Metabolic/Electrolyte Disorders	39	21	16 - 47	38	26	9 - 43
Pulmonary Disease	85	22	17 - 38	72	15	14 - 34
Renal Failure	11	36	13 - 74	9	56	20 - 85
Severe Acute Heart Disease	54	33	28 - 54	58	64	27 - 53
Severe Chronic Heart Disease	146	19	15 - 30	111	24	16 - 34
Severe Trauma	2	0	1 - 90	2	50	1 - 93
Gastrointestinal Disease	166	2	1 - 8	178	2	1 - 7
Gynecologic Disease	12	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	260	1	2 - 6	251	3	2 - 7
Musculoskeletal/Skin Conditions	189	3	1 - 7	172	3	1 - 8
Neuropsychiatric/Sensory Disease	112	0	0 - 6	97	1	0 - 9
Urologic Disease	142	1	0 - 9	149	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	402
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CLARA MAASS MEMORIAL HOSP

ONE FRANKLIN AVE
BELLEVILLE, NJ 07109

Medicare Hospital Provider Number: 310009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,784	12	10 - 14	3,149	12	10 - 14
Cancer	155	45	31 - 52	149	51	35 - 56
Cerebrovascular Accidents	95	24	17 - 36	113	25	20 - 37
Gastrointestinal Catastrophes	16	31	15 - 61	22	36	15 - 57
Infectious Disease	23	35	22 - 62	13	46	16 - 67
Metabolic/Electrolyte Disorders	36	33	17 - 52	52	58	17 - 48
Pulmonary Disease	121	24	16 - 35	129	15	16 - 32
Renal Failure	11	27	13 - 72	13	69	17 - 76
Severe Acute Heart Disease	90	51	27 - 49	116	48	30 - 50
Severe Chronic Heart Disease	170	26	14 - 29	171	23	16 - 31
Severe Trauma	6	50	6 - 76	6	17	5 - 70
Gastrointestinal Disease	224	3	1 - 7	248	3	1 - 7
Gynecologic Disease	15	0	0 -100	16	0	0 - 94
Low-Risk Heart Disease	426	2	2 - 6	433	2	2 - 6
Musculoskeletal/Skin Conditions	272	1	1 - 5	340	3	1 - 6
Neuropsychiatric/Sensory Disease	202	3	0 - 8	256	1	1 - 6
Urologic Disease	132	2	0 - 11	137	0	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 577
Occupancy Rate (%): 60
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 224
Percent of Physicians Who Are Board Certified Specialists: 58
Interns and Residents: 0
Registered Nurses: 277
Licensed Practical Nurses: 46

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

CLARA MAASS MEDICAL CENTER

Hospital in the Park on the Newark-Belleville Line

FRANKLIN AVENUE • BELLEVILLE, NEW JERSEY

(201) 450-2000

Medicare Provider #310009

Medicare mortality statistics have been compiled and released by the Health Care Financing Administration (HCFA) of the Department of Health and Human Resources. Clara Maass Medical Center welcomes the opportunity to comment on the mortality statistics, and commends the Health Care Financing Administration for its continuing efforts to refine the methodology used.

Clara Maass Medical Center has been in existence for over 100 years. It has been situated in Belleville, New Jersey, since 1957. It is a non-profit voluntary Medical Center with a broad range of services. There has been and still is, a strong sense of commitment to community services. A strong Hospitalwide Quality Assurance program continually monitors the quality of patient care.

Patients in communities throughout this country have many similarities; however, in many aspects they differ. In the category of Severe Acute Heart Disease, Clara Maass showed a minimal variance as compared to the range. After careful physician and nurse review of the records within this category, the variance can be explained in part by the average age (76), as well as the severe underlying diseases with which most, if not all, of these patients were affected (e.g., diabetes, arteriosclerotic heart disease, hypertension, congestive heart failure). These factors affect mortality.

Clara Maass Medical Center has always prided itself on providing excellent health care services to its surrounding community. We appreciate HCFA's concern toward quality of care, and support its statement to the public:

> "the information by itself is not a complete measure of the quality of care at an individual hospital. While we believe that information on hospital mortality rates is useful, until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgements about the quality of care in an individual hospital or to make comparisons among hospitals."

HCFA has requested that we address any variances in the hospital characteristics provided. We would like to take this opportunity to clarify the following under "specialty services".

Coronary Care Unit - Clara Maass Medical Center does have an Intensive Care Unit for Medical, surgical and coronary care patients.

Organ Transplant Service - Clara Maass Medical Center has a formal affiliation with the New Jersey Organ and Tissue Sharing Network.

Hospice Care - While Clara Maass Medical Center does not have a hospital based program, it does have a major affiliation with the Hospice which services the area.

Clara Maass Medical Center will continue in its endeavors to provide high quality care to our patients, utilizing every available resource to meet this goal. Clara Maass Medical Center would like to thank our community, our patients and their families, for their ongoing support and for affording us the opportunity to serve them.

COLUMBUS HOSP

495 NORTH 13TH ST
NEWARK, NJ 07107

Medicare Hospital Provider Number: 310093

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,105	10	8 - 13	1,039	12	8 - 14
Cancer	27	52	32 - 70	33	55	30 - 65
Cerebrovascular Accidents	50	34	16 - 43	37	24	17 - 46
Gastrointestinal Catastrophes	5	60	14 - 85	10	40	9 - 67
Infectious Disease	6	50	8 - 76	5	20	6 - 75
Metabolic/Electrolyte Disorders	15	47	10 - 60	11	36	7 - 63
Pulmonary Disease	35	9	14 - 37	49	20	13 - 38
Renal Failure	3	33	8 - 90	6	67	14 - 85
Severe Acute Heart Disease	23	43	19 - 58	36	33	21 - 52
Severe Chronic Heart Disease	61	26	13 - 36	66	29	13 - 36
Severe Trauma	1	0	1 - 97	2	50	6 - 94
Gastrointestinal Disease	98	1	1 - 8	86	5	1 - 14
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	187	3	1 - 8	173	1	2 - 6
Musculoskeletal/Skin Conditions	154	0	1 - 5	164	2	0 - 7
Neuropsychiatric/Sensory Disease	26	0	0 - 38	25	0	0 - 48
Urologic Disease	62	0	0 - 13	48	2	0 - 51

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	206
Occupancy Rate (%):	68
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	155
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	142
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSP

RT 37
TOMS RIVER, NJ 08753

Medicare Hospital Provider Number: 310041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	6,106	15	12 - 15	5,934	15	12 - 15
Cancer	287	48	32 - 50	280	39	33 - 51
Cerebrovascular Accidents	273	25	21 - 34	247	29	19 - 33
Gastrointestinal Catastrophes	61	36	22 - 52	55	33	21 - 51
Infectious Disease	68	32	24 - 50	82	43	23 - 49
Metabolic/Electrolyte Disorders	166	49	23 - 46	147	48	21 - 44
Pulmonary Disease	245	25	19 - 34	195	29	18 - 35
Renal Failure	29	59	20 - 70	28	32	18 - 70
Severe Acute Heart Disease	247	33	30 - 46	272	35	31 - 46
Severe Chronic Heart Disease	387	26	18 - 29	396	27	17 - 29
Severe Trauma	10	20	5 - 60	4	50	4 - 82
Gastrointestinal Disease	486	3	2 - 6	511	3	1 - 5
Gynecologic Disease	33	3	0 -100	39	3	0 -100
Low-Risk Heart Disease	791	3	2 - 5	746	4	2 - 6
Musculoskeletal/Skin Conditions	399	4	1 - 6	363	4	2 - 7
Neuropsychiatric/Sensory Disease	103	8	0 - 17	78	5	0 - 24
Urologic Disease	336	3	0 - 7	320	3	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	465
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	240
Percent of Physicians Who Are Board Certified Specialists:	49
Interns and Residents:	0
Registered Nurses:	338
Licensed Practical Nurses:	111

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Community Memorial Hospital

99 HIGHWAY 37 WEST • TOMS RIVER, NEW JERSEY 08753 • 240-8000 Area Code 201

ACCREDITED BY THE JOINT COMMISSION ON ACCREDITATION OF HOSPITALS

October 18, 1988

Medicare Provider No. 310041

Health Care Financing Administration
Health Standards & Quality Bureau
Meadow East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207
Attention: Sandra Kappert

Community Memorial Hospital appreciates the opportunity to comment on the Health Care Financing Administration (HCFA) data pertaining to hospital mortality rates. A committee of representatives from our medical staff, quality assurance, medical records and finance departments have reviewed the data using a multidisciplinary approach similar to our standard, continuous review of all hospital mortalities.

The fact that Community Memorial Hospital's overall mortality rate is within the expected range is especially pertinent considering our high geriatric patient population. Fifty-three percent of our Medicare patients can be categorized as "older geriatric", i.e. 75 years and older, many of whom have more than one medical problem.

While HCFA's methodology is not perfect, it can be considered a "work in progress". We still do not agree, however, that patients with multiple admissions in one year should be discounted. The Peer Review Organization (PRO) of New Jersey last year also studied hospital mortality rates. PRO used the same data as HCFA, yet the PRO results showed Community Memorial Hospital's expected mortality range to be even better than HCFA's.

In regard to the present HCFA study, we wish, first of all, to make some corrections in the section entitled Hospital Characteristics.

- Community Memorial Hospital has 405 beds, excluding obstetrics and pediatrics. Of these 405 beds, 380 are medical/surgical and 25 are critical care.
- Our occupancy rate is 94.3%, excluding obstetrics and pediatrics, not 90%.
- In 1987, Community Memorial Hospital had 231 physicians on the active staff plus 62 consultants, emeritus, etc., for a total of 293. The percentage of the 231 physicians who are board-certified specialists is 54%, not 39%.
- In addition, Community Memorial Hospital has had a hospice care program since 1985.

While we concur with HCFA's contention that "the public has a right to know", we feel that releasing mortality statistics without an explanation of possible pertinent factors, such as secondary contributory causes, may lead to a misinterpretation of the data and cause confusion and undue concern to the general public.

THE PATIENT IS OUR PURPOSE

Based upon a comprehensive review of the HCFA data and the specific medical records which form the basis for the report, it is apparent that the data does not fully address severity of illness. To assess mortality data appropriately, other factors which affect mortality need to be taken into account. Contributing factors include associated diseases which a patient may be experiencing.

Metabolic/electrolyte disturbance is an associated problem in those patients admitted to the hospital in advanced stages of cancer and other life-threatening diseases. Many had been admitted at critical stages of their disease. A number of patients included in this category were admitted from nursing homes. The average age of a patient whose cause of death was metabolic/electrolyte disturbance was 77.

Other significant factors include:

- Community Memorial Hospital's location is a prime reason for its high percentage of older patients. A 460-bed regional medical center, it is the largest of Ocean County's five hospitals. According to the Ocean County Office on Aging, there are more than 40 retirement communities and 25 nursing homes situated here.

- Community Memorial Hospital's Medicare days are, by far, the highest in the State of New Jersey for a single hospital.

- Community Memorial Hospital's Emergency Center is one of the busiest in the State. In 1987, our Emergency Center visits totaled 51,576.

- Additionally, Community Memorial Hospital provides many specialized services on a regional basis. Our dialysis and cancer treatment centers draw patients from a broad geographic area because of the progressive technology that our hospital offers.

We want to emphasize that Community Memorial Hospital's ongoing quality assurance program provides a constant review of patient care to assure high standards and to identify possible areas of improvement.

In conclusion, we would like to thank HCFA for the opportunity to present this response. Community Memorial Hospital has maintained a tradition of excellence in its 27-year history and our commitment is to abide by the strictest standards to insure that the tradition continues.

Sincerely,

John Kengeter, M.D.
Vice President for
Medical Affairs

JK/ll

COOPER HOSP/UNIVERSITY MED CTR

1 COOPER PLAZA
CAMDEN, NJ 08103

Medicare Hospital Provider Number: 310014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,285	14	11 - 15	2,681	15	11 - 15
Cancer	188	40	34 - 53	184	44	34 - 54
Cerebrovascular Accidents	56	38	12 - 38	80	30	15 - 37
Gastrointestinal Catastrophes	18	39	16 - 61	25	32	21 - 60
Infectious Disease	16	44	17 - 64	27	56	20 - 59
Metabolic/Electrolyte Disorders	30	37	7 - 46	36	50	12 - 48
Pulmonary Disease	69	26	13 - 36	97	34	13 - 34
Renal Failure	25	36	14 - 66	15	33	11 - 69
Severe Acute Heart Disease	72	36	25 - 49	88	44	26 - 49
Severe Chronic Heart Disease	113	19	15 - 32	129	19	15 - 31
Severe Trauma	7	0	10 - 58	5	40	8 - 80
Gastrointestinal Disease	136	5	0 - 13	167	2	1 - 8
Gynecologic Disease	20	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	360	5	2 - 7	399	4	2 - 7
Musculoskeletal/Skin Conditions	137	4	1 - 10	163	2	1 - 7
Neuropsychiatric/Sensory Disease	100	2	0 - 14	122	2	0 - 10
Urologic Disease	55	0	0 - 11	87	2	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	496
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	576
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	126
Registered Nurses:	487
Licensed Practical Nurses:	61

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

DEBORAH HEART LUNG CENTER

TRENTON RD
BROWNS MILLS, NJ 08015

Medicare Hospital Provider Number: 310031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,253	6	6 - 10	1,153	7	7 - 11
Cancer	27	4	29 - 52	32	3	31 - 52
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 98	1	100	3 -100
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 99
Pulmonary Disease	11	27	6 - 59	19	11	12 - 45
Renal Failure	0	-	-	1	0	2 - 98
Severe Acute Heart Disease	8	63	14 - 73	14	21	18 - 62
Severe Chronic Heart Disease	53	21	12 - 35	49	20	13 - 37
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	3	0	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	611	4	2 - 6	516	6	2 - 7
Musculoskeletal/Skin Conditions	4	0	0 -100	4	25	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 - 99
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	155
Occupancy Rate (%):	68
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	51
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	39
Registered Nurses:	201
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Deborah
Heart and Lung
Center

Browns Mills, NJ 08015 • 609/893-6611

Provider #310031

DEBORAH HEART AND LUNG CENTER: RESPONSE TO HCFA DATA

The Deborah Heart and Lung Center is a fully accredited specialty referral center for the diagnosis and treatment of heart and lung diseases. As a teaching hospital, Deborah has affiliations with the University of Pennsylvania, Thomas Jefferson University, and the Robert Wood Johnson School of Medicine. Drawing its patients primarily from New Jersey, New York, Pennsylvania and Florida, Deborah is proud of its 65 year-old policy of providing top-quality care at no cost to the patients, accepting third-party reimbursements when available.

Approximately 40 percent of admissions to the Center are paid by the Medicare system. The mortality statistics released by the Health Care Financing Administration refer only to this group of patients. In 1987, Deborah admissions totaled 5,363 in all age groups.

In an active, overall quality assurance and risk management program, mortality data are but one parameter. It serves as one of many important variables which must be evaluated to assess the overall quality of care provided by an institution and its medical staff. When evaluating mortality information the severity of the primary illness, the importance of co-existing illnesses, social factors, and risk factors are also important variables. The data from HCFA does not include information about these factors.

The Center's major emphasis during the last 30 years has been the diagnosis and treatment of heart disease, most especially congenital, coronary artery, and valvular disease. A significant percentage of our patients have had previous surgery and come to Deborah for their second or third open heart procedure. Consistent with demographic trends for our service area the median age for Medicare patients is increasing.

The statistics reflect a recategorization of patients with valvular disease and valve surgery. In prior studies these patients were included in low risk heart disease and are now grouped in the all causes category. The Society of Thoracic Surgeons points out that good risk patients now undergo balloon angioplasty, and that even patients with acute myocardial infarction undergo angioplasty. This is increasingly true at Deborah, where 274 angioplasties were performed in 1987. Therefore, patients who require open heart surgery are those for whom less extreme therapy is not an option and for whom there is an increased risk. The Society also recognizes that advanced age, reoperation, emergency operation and associated diseases are major risk factors which increase risk. None of these are used by HCFA to differentiate among patients.

Deborah welcomes the opportunity to comment on the Medicare patient mortality rates as relased by HCFA, recognizing these figures not as indicators of overall quality, but rather as a reflection of Deborah's experience only with Medicare patients for 1987.

DOVER GENERAL HOSP

JARDINE ST
DOVER, NJ 07801

Medicare Hospital Provider Number: 310067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,895	12	11 - 15	1,854	13	11 - 16
Cancer	86	40	30 - 55	93	40	34 - 58
Cerebrovascular Accidents	65	23	18 - 40	79	22	17 - 37
Gastrointestinal Catastrophes	13	23	16 - 64	19	47	18 - 63
Infectious Disease	27	30	17 - 54	18	22	17 - 58
Metabolic/Electrolyte Disorders	28	25	11 - 47	23	30	15 - 55
Pulmonary Disease	86	33	16 - 38	63	24	14 - 37
Renal Failure	5	80	20 - 91	7	57	12 - 81
Severe Acute Heart Disease	110	40	28 - 49	106	41	29 - 49
Severe Chronic Heart Disease	102	22	15 - 32	86	30	13 - 34
Severe Trauma	5	40	6 - 78	6	33	7 - 75
Gastrointestinal Disease	150	1	1 - 7	144	4	1 - 10
Gynecologic Disease	8	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	233	2	2 - 7	209	3	2 - 8
Musculoskeletal/Skin Conditions	181	2	1 - 7	186	1	1 - 6
Neuropsychiatric/Sensory Disease	45	2	0 - 20	57	2	1 - 14
Urologic Disease	92	0	1 - 7	102	0	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 360
Occupancy Rate (%): 54
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 212
Percent of Physicians Who Are Board Certified Specialists: 45
Interns and Residents: 0
Registered Nurses: 244
Licensed Practical Nurses: 73

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Dover General Hospital & Medical Center
Jardine Street • Dover, NJ 07801

October 21, 1988

William L. Roper, M.D., Administrator
Healthcare Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, Maryland 21207

Medicare Provider Number: 310067

Dear Mr. Roper:

On behalf of Dover General Hospital and Medical Center, I appreciate the opportunity to comment on the mortality data you sent us. We find that the mortality data for Medicare patients discharged from our hospital in 1986 and 1987 that you forwarded to us are correct. We recognize that mortality rates are but one of the many factors by which quality of care may be evaluated. We further recognize that your report was limited to Medicare patients.

Dover General Hospital is a 360-bed, not-for-profit acute care community hospital, with both traditional and specialized services. The hospital is licensed by the State of New Jersey, fully accredited by the Joint Commission on Accreditation of Hospitals and is a member of Voluntary Hospitals of America (VHA), a national network of more than 630 leading, locally owned hospitals and 150 of their affiliates. It is governed by a voluntary Board of Trustees.

Dover General Hospital strives to assure quality patient care by requiring an ongoing, hospital-wide quality assurance program. As part of that program, clinical and administrative staffs monitor and evaluate the quality and appropriateness of patient care and clinical performance, resolve identified problems and report information to the medical staff, administration and the Board of Trustees. The goal is to assure improvement or resolution of identified problems for the purpose of providing better patient care.

Again, thank you for sending us the data and inviting our comments.

Very truly yours,

Leonard V. Gorson Jr

Leonard V. Gorson
Assistant Vice President
Planning and Marketing

EAST ORANGE GENERAL HOSP

300 CENTRAL AVE
EAST ORANGE, NJ 07018

Medicare Hospital Provider Number: 310083

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,131	14	10 - 15	1,144	12	9 - 14
Cancer	18	50	22 - 67	19	47	20 - 64
Cerebrovascular Accidents	65	29	17 - 40	55	25	15 - 40
Gastrointestinal Catastrophes	13	8	17 - 56	8	63	10 - 71
Infectious Disease	32	34	21 - 56	41	34	22 - 55
Metabolic/Electrolyte Disorders	30	37	14 - 52	29	21	12 - 47
Pulmonary Disease	64	27	17 - 41	51	25	14 - 40
Renal Failure	14	36	13 - 71	9	22	12 - 75
Severe Acute Heart Disease	24	50	23 - 62	19	53	17 - 60
Severe Chronic Heart Disease	75	25	15 - 36	71	21	14 - 34
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	50	8	1 - 25	60	5	1 - 19
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	151	3	2 - 9	162	4	1 - 9
Musculoskeletal/Skin Conditions	56	4	0 - 19	69	6	0 - 31
Neuropsychiatric/Sensory Disease	163	1	0 - 10	151	0	0 - 7
Urologic Disease	30	7	0 - 84	37	0	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	277
Occupancy Rate (%):	74
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	229
Percent of Physicians Who Are Board Certified Specialists:	51
Interns and Residents:	0
Registered Nurses:	147
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ELIZABETH GENERAL HOSP DISPENSERY

925 E JERSEY ST
ELIZABETH, NJ 07201

Medicare Hospital Provider Number: 310027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,547	11	10 - 14	1,731	14	10 - 15
Cancer	60	32	29 - 56	81	37	32 - 57
Cerebrovascular Accidents	72	24	16 - 37	79	37	19 - 41
Gastrointestinal Catastrophes	13	54	17 - 68	14	64	13 - 63
Infectious Disease	38	13	21 - 48	40	42	22 - 56
Metabolic/Electrolyte Disorders	21	14	8 - 45	32	38	12 - 49
Pulmonary Disease	67	34	15 - 40	71	31	16 - 40
Renal Failure	2	0	3 - 89	8	25	12 - 77
Severe Acute Heart Disease	46	46	24 - 54	54	48	27 - 55
Severe Chronic Heart Disease	84	21	14 - 33	107	30	17 - 36
Severe Trauma	6	50	4 - 75	3	67	1 - 88
Gastrointestinal Disease	112	4	1 - 11	111	3	1 - 10
Gynecologic Disease	13	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	152	3	1 - 9	178	3	2 - 8
Musculoskeletal/Skin Conditions	120	2	1 - 8	147	3	1 - 9
Neuropsychiatric/Sensory Disease	219	1	0 - 8	218	2	0 - 8
Urologic Disease	46	0	0 - 24	51	4	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 377
Occupancy Rate (%): 70
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 328
Percent of Physicians Who Are Board Certified Specialists: 58
Interns and Residents: 0
Registered Nurses: 244
Licensed Practical Nurses: 28

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ELIZABETH GENERAL
EGMC
MEDICAL CENTER

925 East Jersey Street
Elizabeth, New Jersey 07201
(201) 289-8600

GEORGE F. BILLINGTON
President
Chief Executive Officer

SEFTON STALLARD
Chairman

ROBERT E. [illegible]
Vice Chairman

DAVID A. FLETCHER
Senior Vice President
Chief Operating Officer

RICHARD ENGLISH
Secretary

JAMES G[illegible] Ph.D.
Treasurer

October 21, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Medicare Provider # 310027

Dear Dr. Roper:

This letter conveys the comments of Elizabeth General Medical Center to the Health Care Financing Administration regarding the release of Medicare mortality data.

Since receiving the data on September 19, 1988, it has been reviewed by a number of key Medical Center staff. A minor discrepancy in the mortality data is noted as follows, with specifics attached in Appendix A. Corrections to the hospital characteristics (AHA 1986 survey data) are also noted in Appendix A.

1. One patient was assigned an incorrect date of death.

Elizabeth General Medical Center has a strong and effective quality assurance program involving administration, medical, nursing and support staff. Program participants undertake a constant and in-depth review of appropriate aspects of patient care including a review of mortality data. In addition, Elizabeth General consistently meets the rigorous quality standards set forth by the Joint Commission on Accreditation of Healthcare Organizations.

As a result of its extensive experience in quality assurance, the Medical Center's staff recognizes that mortality information by itself is not an accurate measure-

VHA

ment of the quality of patient care. Until additional statistical measures are developed to deal with such complex issues as severity of illness, we do not recommend the use of mortality information alone to make judgments about the quality of care in an individual hospital or to make comparisons among hospitals. Mortality data may be significantly influenced by the population served, for example, patient age and socio/economic background are two factors which historically impact upon the incidence of mortality.

Elizabeth General Medical Center is a 368-bed, private, non-profit, voluntary medical center. Our location and range of services reflect a strong commitment to a higher risk population. The Medical Center's location in Union County, New Jersey, places it in one of the "oldest" counties in a state which has the second highest national median age. Elizabeth General's percentage of Medicare discharges (20%) is significant when one considers that maternity, pediatric and children's psychiatric discharges are included in our overall number of total discharges. A growing demand for critical care beds in the Medical Center's service area prompted a renovation and expansion of the intensive/coronary care unit which was expanded to 20 beds and completed in 1987. Last year, Elizabeth General served more acutely ill patients than during any year in our 110-year history. An active cancer program, which includes a 34-bed inpatient unit, serves a large number of patients afflicted with this life threatening disease. Meeting the health care needs of the area's indigent population is a long-standing tradition of the Medical Center, which provided 19% of its total 1987 inpatient activity to the sick poor. The greater Elizabeth community serves as a hub for transportation and industry and, as such, has come to rely heavily upon Elizabeth General for emergency services. Last year, the Medical Center had more than 40,000 emergency visits.

Thank you for the opportunity to present this response.

Sincerely,

George F. Billington
President

/njk

Attachment

ELMER COMMUNITY HOSP

W FRONT ST
ELMER, NJ 08318

Medicare Hospital Provider Number: 310069

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	886	11	8 - 13	756	13	9 - 15
Cancer	17	59	20 - 66	18	56	22 - 67
Cerebrovascular Accidents	31	16	13 - 41	52	27	14 - 39
Gastrointestinal Catastrophes	7	57	11 - 76	6	0	14 - 65
Infectious Disease	4	25	2 - 81	5	80	8 - 76
Metabolic/Electrolyte Disorders	9	44	3 - 67	14	14	7 - 50
Pulmonary Disease	35	29	14 - 46	30	40	12 - 48
Renal Failure	7	43	9 - 78	1	100	1 - 97
Severe Acute Heart Disease	34	35	21 - 54	40	50	25 - 57
Severe Chronic Heart Disease	52	23	13 - 38	59	27	12 - 36
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	87	2	0 - 12	70	4	1 - 16
Gynecologic Disease	9	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	121	2	1 - 9	100	1	1 - 8
Musculoskeletal/Skin Conditions	80	0	0 - 8	71	1	0 - 12
Neuropsychiatric/Sensory Disease	22	0	0 - 43	17	0	0 - 91
Urologic Disease	45	2	0 - 46	34	3	0 - 47

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	91
Occupancy Rate (%):	67
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	85
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	68
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ENGLEWOOD HOSP ASSOCIATION

350 ENGLE ST
ENGLEWOOD, NJ 07631

Medicare Hospital Provider Number: 310045

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,803	11	8 - 12	4,207	12	8 - 12
Cancer	209	46	26 - 46	210	45	25 - 45
Cerebrovascular Accidents	162	17	17 - 31	166	27	17 - 33
Gastrointestinal Catastrophes	38	34	13 - 47	48	25	12 - 42
Infectious Disease	20	40	11 - 54	40	42	16 - 50
Metabolic/Electrolyte Disorders	65	34	7 - 37	48	15	5 - 34
Pulmonary Disease	104	19	12 - 30	150	25	14 - 31
Renal Failure	19	47	13 - 69	16	50	12 - 70
Severe Acute Heart Disease	182	35	29 - 46	184	35	28 - 44
Severe Chronic Heart Disease	172	22	14 - 29	203	21	15 - 29
Severe Trauma	5	0	6 - 65	10	40	8 - 66
Gastrointestinal Disease	301	3	1 - 7	347	1	1 - 5
Gynecologic Disease	35	0	0 -100	35	0	0 -100
Low-Risk Heart Disease	460	2	1 - 5	489	3	1 - 5
Musculoskeletal/Skin Conditions	305	4	0 - 7	364	3	0 - 6
Neuropsychiatric/Sensory Disease	211	1	0 - 7	278	2	0 - 7
Urologic Disease	167	1	0 - 10	186	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	547
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	409
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	52
Registered Nurses:	469
Licensed Practical Nurses:	47

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

FREEHOLD AREA HOSP

ROUTE 537 W MAIN ST
FREEHOLD, NJ 07728

Medicare Hospital Provider Number: 310111

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,925	13	10 - 15	2,103	13	10 - 15
Cancer	78	40	30 - 55	79	46	30 - 56
Cerebrovascular Accidents	76	24	15 - 36	86	33	18 - 39
Gastrointestinal Catastrophes	25	32	12 - 52	12	42	12 - 65
Infectious Disease	23	43	16 - 57	40	38	20 - 53
Metabolic/Electrolyte Disorders	23	13	8 - 43	36	36	11 - 46
Pulmonary Disease	137	26	20 - 38	118	24	17 - 36
Renal Failure	5	0	6 - 70	7	14	14 - 77
Severe Acute Heart Disease	87	44	29 - 51	94	39	29 - 51
Severe Chronic Heart Disease	111	22	16 - 33	97	22	14 - 32
Severe Trauma	1	100	2 - 97	6	33	11 - 78
Gastrointestinal Disease	160	4	1 - 9	170	4	1 - 9
Gynecologic Disease	6	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	248	2	2 - 7	274	3	2 - 7
Musculoskeletal/Skin Conditions	182	1	1 - 6	201	5	1 - 9
Neuropsychiatric/Sensory Disease	65	2	0 - 20	90	4	0 - 24
Urologic Disease	69	0	0 - 11	78	4	0 - 45

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	248
Occupancy Rate (%):	79
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	152
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	253
Licensed Practical Nurses:	91

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

FREEHOLD AREA HOSPITAL

Maria D. Pagano, R.N., M.A.
Vice President, Hospital Administrator

October 21, 1988

Health Standards & Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attn: Sandra Kappert RE: Medicare Provider #310111

Dear Mrs. Kappert,

Thank you for the opportunity to respond to HCFA's current release of data on hospital mortality rates.

Based on the review of HCFA's data, it has been determined that it is a reflection of statistics at our facility with some minor exceptions. In the diagnostic categories given, it is evident we fall within the range for predicted mortality, except for one, Severe Trauma. There was only one patient in this category that had severe multiple injuries and despite allefforts expired. The mortality rate for this category is not statistically significant because of an insufficient number of patients for evaluation.

For those patients that expired after discharge from our hospital we have no way of reviewing those cases. Mortality review is done on an on-going basis at our hospital and we will continue to do so.

Again, thank you for the opportunity to present this response.

Sincerely,

Maria Pagano
Maria Pagano, R.N., M.A.
Vice President, Hospital Administrator

MP:c

WEST MAIN STREET • FREEHOLD, NEW JERSEY 07728 • 201-431-2000

GREENVILLE HOSP

1825 KENNEDY BLVD
JERSEY CITY, NJ 07305

Medicare Hospital Provider Number: 310105

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	592	11	9 - 16	655	9	7 - 13
Cancer	14	43	20 - 69	9	44	22 - 80
Cerebrovascular Accidents	24	13	14 - 43	24	25	14 - 49
Gastrointestinal Catastrophes	4	25	6 - 81	4	25	4 - 80
Infectious Disease	6	33	9 - 76	0	-	-
Metabolic/Electrolyte Disorders	9	22	10 - 65	8	25	14 - 72
Pulmonary Disease	31	23	11 - 43	32	19	12 - 41
Renal Failure	2	100	5 - 90	3	0	1 - 86
Severe Acute Heart Disease	23	48	20 - 60	16	19	16 - 56
Severe Chronic Heart Disease	61	28	12 - 35	49	18	10 - 34
Severe Trauma	3	0	7 - 80	0	-	-
Gastrointestinal Disease	34	6	0 - 34	52	0	1 - 11
Gynecologic Disease	1	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	113	2	1 - 8	132	2	1 - 7
Musculoskeletal/Skin Conditions	51	2	0 - 16	54	2	0 - 25
Neuropsychiatric/Sensory Disease	16	0	0 - 58	19	5	0 - 92
Urologic Disease	18	0	0 - 92	27	4	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	86
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	121
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	80
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HACKENSACK HOSP ASSOCIATION

22 HOSPITAL PLACE
HACKENSACK, NJ 07601

Medicare Hospital Provider Number: 310001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,546	11	10 - 14	4,409	13	10 - 14
Cancer	196	42	31 - 51	196	39	31 - 51
Cerebrovascular Accidents	185	22	21 - 35	182	25	21 - 36
Gastrointestinal Catastrophes	35	29	21 - 56	28	32	21 - 58
Infectious Disease	34	35	25 - 60	39	31	28 - 60
Metabolic/Electrolyte Disorders	62	26	13 - 41	75	36	16 - 44
Pulmonary Disease	154	26	18 - 35	161	26	19 - 36
Renal Failure	15	40	16 - 73	17	47	15 - 72
Severe Acute Heart Disease	197	29	29 - 45	204	39	31 - 48
Severe Chronic Heart Disease	228	25	17 - 30	247	25	16 - 29
Severe Trauma	5	40	4 - 78	10	40	4 - 65
Gastrointestinal Disease	325	2	1 - 6	280	3	1 - 7
Gynecologic Disease	38	0	0 -100	42	5	0 -100
Low-Risk Heart Disease	887	5	2 - 6	830	5	2 - 6
Musculoskeletal/Skin Conditions	313	3	1 - 6	355	2	1 - 5
Neuropsychiatric/Sensory Disease	217	2	1 - 7	199	1	1 - 5
Urologic Disease	223	1	0 - 6	198	2	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	482
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	40
Registered Nurses:	503
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

Hackensack Medical Center

#310001

HACKENSACK MEDICAL CENTER

Response to HCFA 1987 Mortality Data Release

Medicare Provider Number: 310001

I. Hospital Characteristics

The characteristics that you cited from the American Hospital Association's 1986 Annual Survey of Hospital files did not agree with the data in our own copy of the 1986 Annual Survey of Hospitals. In order to avoid the publication of inaccurate 1987 data we are including the relevant data which was submtted in our 1987 Annual Survey of Hospitals:

BEDS (#): 502
OCCUPANCY RATE (%): 87%
OWNERSHIP/CONTROL: Private, Non-Profit

STAFFING:
TOTAL NUMBER OF PHYSICIANS: 393
PERCENT OF PHYSICIANS WHO ARE BOARD CERTIFIED SPECIALISTS: 77%
INTERNS AND RESIDENTS PER BED: .11
REGISTERED NURSES PER BED: 1.25
LICENSED PRACTICAL NURSES PER BED: .03

SPECIALITY SERVICES:
SHOCK/TRAUMA OR BURN UNIT: YES
CORONARY CARE UNIT: YES
ORGAN TRANSPLANT SERVICE: YES
HOSPICE CARE: YES

II. Mortality Data

For the second year that HCFA has released hospital specific mortality data, we were in the "expected ranges" in all categories according to the HCFA methodology. It must be pointed out, however, that the methodology, although revised during the last year, may still be faulty and the results cannot be used as a valid measure of any hospital's performance.

In particular, we believe that there are some flaws in the "low risk heart disease" data as presented. Some of these include:

1. Only the patient's primary diagnosis is addressed by HCFA. Procedures such as angioplasty, cardiac catheterization and open heart surgery are not considered. In particular, multiple vessel coronary artery bypass grafts were performed on 27% of the patients in our "low risk heart disease" category.

2. Although co-morbidities may be identified by HCFA, patients remain in the "low risk heart" category even when they have up to five cardiac co-morbidities. 88% of the patients in our "low risk heart disease" category had two to five cardiac co-morbidities.

3. The HCFA classification of mortalities do not always reflect the actual cause of death. 70% of the patients in our "low risk heart" category died after discharge from the hospital, therefore one cannot be sure of the actual cause of death. The cause may have nothing to do with heart disease or may be a natural consequence of the disease; therefore, the death would not reflect on the quality of care rendered in the hospital.

This is the second year that mortality data is being released and the flaws regarding classification of low risk heart patients remain. We believe that HCFA has a responsibility to more accurately define the "low risk heart" and "severe acute heart" categories, as so many of our patients classified by HCFA are truly not low risk at all.

HACKETTSTOWN COMMUNITY HOSP

651 WILLOW GROVE ST
HACKETTSTOWN, NJ 07840

Medicare Hospital Provider Number: 310115

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	721	14	11 - 18	769	14	11 - 17
Cancer	22	59	23 - 64	17	53	29 - 75
Cerebrovascular Accidents	39	23	18 - 45	43	33	15 - 44
Gastrointestinal Catastrophes	9	22	11 - 66	4	75	8 - 82
Infectious Disease	3	67	6 - 88	5	40	8 - 79
Metabolic/Electrolyte Disorders	14	36	9 - 60	16	25	11 - 55
Pulmonary Disease	71	34	20 - 44	65	25	14 - 38
Renal Failure	3	67	6 - 89	3	33	5 - 88
Severe Acute Heart Disease	30	37	26 - 61	46	33	25 - 54
Severe Chronic Heart Disease	39	15	13 - 37	34	21	12 - 40
Severe Trauma	0	-	-	1	100	3 - 99
Gastrointestinal Disease	59	5	1 - 19	64	8	0 - 23
Gynecologic Disease	3	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	80	4	1 - 14	70	6	1 - 18
Musculoskeletal/Skin Conditions	63	5	0 - 19	60	0	1 - 9
Neuropsychiatric/Sensory Disease	19	11	0 - 69	25	4	0 - 93
Urologic Disease	39	0	0 - 17	30	0	0 - 59

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	106
Occupancy Rate (%):	54
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	63
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	79
Licensed Practical Nurses:	15

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HAMILTON HOSP

1881 WHITEHORSE-HAMILTON SQUAR
TRENTON, NJ 08609

Medicare Hospital Provider Number: 310110

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,320	13	9 - 14	1,414	13	10 - 15
Cancer	22	32	26 - 66	34	44	25 - 60
Cerebrovascular Accidents	59	15	18 - 38	74	35	20 - 43
Gastrointestinal Catastrophes	7	43	8 - 73	17	35	16 - 62
Infectious Disease	8	75	18 - 76	11	45	12 - 67
Metabolic/Electrolyte Disorders	8	13	2 - 62	23	35	10 - 51
Pulmonary Disease	76	36	18 - 41	67	33	16 - 41
Renal Failure	4	75	11 - 87	5	80	16 - 87
Severe Acute Heart Disease	50	40	24 - 53	60	33	23 - 48
Severe Chronic Heart Disease	62	19	12 - 33	80	27	14 - 35
Severe Trauma	2	50	0 - 94	1	100	0 - 99
Gastrointestinal Disease	111	6	1 - 14	100	5	1 - 13
Gynecologic Disease	13	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	244	3	1 - 7	247	2	2 - 7
Musculoskeletal/Skin Conditions	119	3	0 - 12	128	1	1 - 6
Neuropsychiatric/Sensory Disease	48	6	0 - 36	63	0	1 - 9
Urologic Disease	50	8	0 - 56	38	8	0 - 71

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	166
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	140
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	123
Licensed Practical Nurses:	45

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HELENE FULD MEDICAL CENTER

750 BRUNSWICK AVE
TRENTON, NJ 08638

Medicare Hospital Provider Number: 310092

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,059	12	10 - 15	1,995	10	10 - 14
Cancer	55	36	27 - 55	52	31	25 - 53
Cerebrovascular Accidents	73	30	17 - 39	65	22	18 - 39
Gastrointestinal Catastrophes	31	45	19 - 57	26	19	13 - 48
Infectious Disease	33	30	20 - 54	25	28	17 - 55
Metabolic/Electrolyte Disorders	52	15	13 - 40	30	27	12 - 48
Pulmonary Disease	87	26	18 - 39	69	29	16 - 39
Renal Failure	18	39	17 - 72	14	7	16 - 67
Severe Acute Heart Disease	87	45	27 - 50	90	38	25 - 47
Severe Chronic Heart Disease	115	21	14 - 31	108	14	15 - 31
Severe Trauma	2	0	1 - 90	3	0	4 - 79
Gastrointestinal Disease	149	1	1 - 7	132	3	1 - 9
Gynecologic Disease	17	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	330	2	2 - 6	300	4	2 - 7
Musculoskeletal/Skin Conditions	134	3	1 - 9	149	2	1 - 8
Neuropsychiatric/Sensory Disease	108	2	0 - 11	116	3	0 - 13
Urologic Disease	65	3	0 - 23	92	0	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	338
Occupancy Rate (%):	71
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	129
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	27
Registered Nurses:	250
Licensed Practical Nurses:	89

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Helene Fuld
MEDICAL CENTER

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Re: Medicare #310092

Dear Mrs. Kappert:

We have reviewed the hospital mortality information for our institution and find no meaningful deviation, based on your methodology, from our records. I am encouraged that you continue to refine your methodologies and are actively communicating the interpretive limitations of this data!

While our experience uniformly falls within the predicted range (as it did in 1986) we continue to dedicate our limited resources on further enhancing the quality of care we provide our community.

As an urban teaching institution we are dedicated to assuring a wide range of medical and surgical specialities which meet the needs of our community are not only available but also accessible to all who need them.

We pledge our cooperation in all positive activities to assure access to quality care.

Sincerely,

William K Hogan

William K. Hogan
Chief Executive Officer

WKH:lak

Attachment

Helene Fuld Medical Center • 750 Brunswick Avenue, Trenton, New Jersey 08638 • (609) 394-6000

HOLY NAME HOSP

718 TEANECK RD
TEANECK, NJ 07666

Medicare Hospital Provider Number: 310008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,093	11	10 - 14	3,266	12	10 - 14
Cancer	103	34	31 - 53	120	47	31 - 54
Cerebrovascular Accidents	117	23	20 - 37	127	31	20 - 38
Gastrointestinal Catastrophes	41	41	20 - 54	29	34	20 - 58
Infectious Disease	43	37	21 - 53	41	44	25 - 58
Metabolic/Electrolyte Disorders	57	28	17 - 46	51	33	14 - 45
Pulmonary Disease	143	27	21 - 39	140	19	16 - 33
Renal Failure	13	15	15 - 69	8	25	12 - 77
Severe Acute Heart Disease	112	33	32 - 52	120	48	31 - 51
Severe Chronic Heart Disease	164	18	16 - 29	166	25	17 - 33
Severe Trauma	5	40	5 - 78	3	0	2 - 80
Gastrointestinal Disease	282	4	1 - 7	277	5	1 - 8
Gynecologic Disease	23	0	0 - 95	32	0	0 - 94
Low-Risk Heart Disease	331	2	2 - 6	405	2	2 - 6
Musculoskeletal/Skin Conditions	307	1	1 - 5	317	3	1 - 6
Neuropsychiatric/Sensory Disease	188	1	0 - 7	220	2	0 - 7
Urologic Disease	153	1	0 - 7	143	3	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	370
Occupancy Rate (%):	74
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	339
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	2
Registered Nurses:	298
Licensed Practical Nurses:	35

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HNH

HOLY NAME HOSPITAL

October 20, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Sandra Kappert

Gentlemen:

Holy Name Hospital has received and reviewed the 1987 mortality data forwarded to us by your agency. Our Administration and Board of Trustees have had a long tradition of concern for providing high quality care to all of our patients. Our Medicare mortality rates continue to fall well within the predicted statistical ranges, as did our 1986 mortality rates.

Your continued refinements to your evaluation system for predicting mortality rates are welcomed. They serve as a valuable indicator although we recognize that statistical mortality data is not an all inclusive, reliable method for positive/negative conclusion.

Holy Name Hospital's longstanding commitment to deliver quality care to our patients is evidenced by the establishment and professional operation of our Quality Assurance program. Mortality rates are only one of the many parameters of quality care which this program regularly measures and reviews. In the course of our ongoing review, it has been continually noted that our patients who expire are typically the very elderly who suffer from chronic multisystem and/or terminal diseases. This is also confirmed by your listing, in which the average age of our patients who expired was 81 years.

We also would like to address the fact that your methodology uses "patients" rather than "discharges" as the de-

718 Teaneck Road
Teaneck, NJ 07666
201/833-3000

nominator for establishing mortality rates. This method differs from the generally recognized and utilized method for computing hospital mortality statistics. It tends to obscure the following facts:

a. It provides an inaccurate picture of hospital activity; our records indicate that we had 5137 Medicare discharges in 1987; your statistics reflect only 3093 "cases"; thus 40% of our Medicare discharges are not reflected at all in your statistics.

b. It fails to accurately count patients admitted on multiple occasions for chronic illness who were treated successfully for more than one episode.

c. It does not include in Holy Name's data base, any patients who were admitted on an emergent basis, treated and stablized through the crisis stage of their illness and later transferred to a tertiary care facility.

d. It tends to give unwarranted statistical weight to very elderly, chronically ill patients whose death is anticipated on admission and, therefore, does not reflect positively or negatively on the quality of care.

In closing, we share with you a mutual concern for the delivery of high-quality health care. Our commitment to the health and continued wellness of our patients, whether Medicare recipients or not, is the highest priority for all of us at Holy Name Hospital.

Sincerely,

Sister Patricia Lynch

Sister Patricia Lynch, CSJP
President

SPL:am

cc: Mrs. Margaret Galvin
Director, Patient Evaluation

HOSP CENTER AT ORANGE

188 S ESSEX AVE
ORANGE, NJ 07050

Medicare Hospital Provider Number: 310078

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,306	11	9 - 14	1,467	10	9 - 14
Cancer	55	40	28 - 57	77	40	32 - 57
Cerebrovascular Accidents	54	19	14 - 36	77	23	17 - 37
Gastrointestinal Catastrophes	9	22	11 - 66	4	50	9 - 85
Infectious Disease	18	22	19 - 60	9	44	12 - 71
Metabolic/Electrolyte Disorders	27	11	13 - 44	29	24	8 - 44
Pulmonary Disease	47	43	15 - 44	46	13	15 - 38
Renal Failure	6	50	10 - 81	7	43	11 - 81
Severe Acute Heart Disease	46	35	25 - 54	37	46	24 - 56
Severe Chronic Heart Disease	68	29	13 - 36	78	22	15 - 34
Severe Trauma	3	33	2 - 87	1	0	0 - 98
Gastrointestinal Disease	96	3	0 - 12	103	3	1 - 11
Gynecologic Disease	8	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	164	6	1 - 10	190	1	2 - 5
Musculoskeletal/Skin Conditions	187	1	0 - 5	223	0	1 - 4
Neuropsychiatric/Sensory Disease	32	0	0 - 28	31	3	0 - 55
Urologic Disease	58	0	0 - 15	51	2	0 - 56

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	332
Occupancy Rate (%):	68
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	274
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	195
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HUNTERDON MEDICAL CENTER

RT 31
FLEMINGTON, NJ 08822

Medicare Hospital Provider Number: 310005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,244	11	11 - 16	1,329	15	12 - 17
Cancer	59	47	32 - 60	57	37	27 - 55
Cerebrovascular Accidents	57	25	17 - 41	69	29	17 - 40
Gastrointestinal Catastrophes	16	38	15 - 62	10	60	22 - 78
Infectious Disease	16	38	17 - 64	15	40	15 - 63
Metabolic/Electrolyte Disorders	15	20	9 - 53	19	37	18 - 62
Pulmonary Disease	72	33	19 - 43	106	38	20 - 41
Renal Failure	0	-	-	1	100	2 -100
Severe Acute Heart Disease	37	24	25 - 54	50	28	29 - 56
Severe Chronic Heart Disease	59	12	13 - 32	44	25	13 - 40
Severe Trauma	1	0	0 - 98	1	0	0 - 99
Gastrointestinal Disease	76	0	1 - 8	90	3	1 - 12
Gynecologic Disease	7	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	114	4	1 - 11	125	8	1 - 13
Musculoskeletal/Skin Conditions	120	1	2 - 7	137	3	1 - 9
Neuropsychiatric/Sensory Disease	56	4	0 - 24	63	5	0 - 24
Urologic Disease	62	2	0 - 39	44	5	0 - 60

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	182
Occupancy Rate (%):	69
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	106
Percent of Physicians Who Are Board Certified Specialists:	85
Interns and Residents:	18
Registered Nurses:	138
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Hunterdon
Medical Center

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, Maryland 21207

RE: Medicare Provider Number 310005

Dear Dr. Roper:

Hunterdon Medical Center wishes to comment on the selected mortality information which the Health Care Financing Authority plans to publish in December, 1988.

Although HMC fell within the predicted ranges in all sixteen categories, a detailed analysis of our specific data revealed the following:

.There is a discrepancy in the total number of Medicare patients reported as being admitted to Hunterdon Medical Center. Our records indicated two-hundred-nineteen (219) more patients than your figure of 1244. The addition of these cases would reduce the overall mortality rate for Hunterdon Medical Center by two-percent.

.We were able to verify that one-hundred-fourteen (114) patients, included in your list, died within thirty days of admission. The twenty deaths (20) which occurred outside the hospital were, in fact, admitted and discharged from this hospital; we did not attempt to verify whether these same patients fell within the established criteria.

.In our letter to you of October 27, 1987 regarding our 1986 mortality data we noted that in 1986 you counted three patients who died within thirty days of their last admission in 1986, however, they also had

> an intervening admission in January 1987. We suggested that these deaths be counted in 1987 not 1986, however, you did not make that adjustment. These same patients are included in the 1987 mortality figures. Since they were not excluded in 1986 they must be excluded from 1987.

In general, our analysis indicated a case mix with an average age of 80 years, an average of two admissions during the year preceding death, and multiple comorbid conditions.

The largest single category, Pulmonary Disease (PN), showed a patient case mix with an average age of 81 years, (Forty-one (41) percent were 85 years or older); Patients in this category had an average of two (2) comorbid conditions (63% had cardiovascular disease): and an average of three admissions during the year preceding death.

We believe that the publication of mortality statistics does a disservice to all parties involved. While mortality data is routinely used by health professionals, it is used in a forum where such factors as the patient's general health, the stage of the patient's illness, and comorbid conditions can be analyzed in reaching a final conclusion regarding the quality of care provided. This cannot be done in a general release of data to the public.

Sincerely yours,

Donald W. Davis

Donald W. Davis, President

IRVINGTON GENERAL HOSP

832 CHANCELLOR AVE
IRVINGTON, NJ 07111

Medicare Hospital Provider Number: 310013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	980	10	10 - 15	1,058	12	11 - 16
Cancer	28	39	25 - 62	37	49	27 - 61
Cerebrovascular Accidents	40	15	15 - 39	52	33	17 - 43
Gastrointestinal Catastrophes	11	18	15 - 64	13	8	13 - 53
Infectious Disease	16	31	16 - 61	9	56	16 - 75
Metabolic/Electrolyte Disorders	34	26	9 - 43	23	9	14 - 45
Pulmonary Disease	46	11	15 - 37	60	22	19 - 42
Renal Failure	0	-	-	2	100	4 - 90
Severe Acute Heart Disease	41	37	25 - 56	32	53	26 - 61
Severe Chronic Heart Disease	62	16	13 - 33	72	24	15 - 36
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	68	4	1 - 16	86	3	0 - 14
Gynecologic Disease	10	0	0 -100	2	50	0 -100
Low-Risk Heart Disease	189	2	2 - 7	161	2	2 - 7
Musculoskeletal/Skin Conditions	78	4	0 - 17	102	4	0 - 13
Neuropsychiatric/Sensory Disease	16	0	0 - 68	28	0	0 - 40
Urologic Disease	33	3	0 - 79	31	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	133
Occupancy Rate (%):	91
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	103
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	119
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JERSEY CITY MEDICAL CENTER

50 BALDWIN AVE
JERSEY CITY, NJ 07304

Medicare Hospital Provider Number: 310074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	957	19	10 - 16	1,109	17	11 - 17
Cancer	16	50	18 - 65	26	42	21 - 60
Cerebrovascular Accidents	63	38	12 - 37	58	31	13 - 38
Gastrointestinal Catastrophes	15	33	12 - 60	11	27	16 - 69
Infectious Disease	36	47	17 - 52	25	56	21 - 61
Metabolic/Electrolyte Disorders	41	27	9 - 42	29	24	7 - 43
Pulmonary Disease	69	35	15 - 40	96	23	15 - 35
Renal Failure	13	23	6 - 65	22	32	10 - 64
Severe Acute Heart Disease	44	36	24 - 53	68	43	29 - 54
Severe Chronic Heart Disease	47	32	11 - 39	63	16	13 - 33
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	29	0	1 - 19	45	4	1 - 21
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	105	6	1 - 13	122	5	1 - 11
Musculoskeletal/Skin Conditions	68	3	0 - 17	71	7	0 - 48
Neuropsychiatric/Sensory Disease	71	3	0 - 34	103	3	0 - 33
Urologic Disease	15	7	0 -100	17	0	0 - 63

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	447
Occupancy Rate (%):	77
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	261
Percent of Physicians Who Are Board Certified Specialists:	47
Interns and Residents:	102
Registered Nurses:	332
Licensed Practical Nurses:	59

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Jersey City
MEDICAL CENTER

BALDWIN AVENUE
JERSEY CITY, NEW JERSEY 07304
(201) 915-2000

Executive Office

October 21, 1988

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland

Dear Ms. Kappert:

Re: 310074

The Jersey City Medical Center appreciates the opportunity to comment on the HCFA Mortality data and would like to address both the validity of the data and the meaning HCFA assigns it.

The HCFA data for the Medical Center is incomplete.

As a statistical compilation the data HCFA uses is subject to the reliability of the source document - claims processed - and the delays inherent in the claims processing system. In the review of the data, the Medical Center found 209 more cases, with 9 deaths, than those cases reported by HCFA for the same time period. This increase in the number of cases and the number of deaths changes the mortality figures in the classifications (see attached) showing the Medical Center to be within the adjusted mortality rates for all categories.

HCFA as a payor for medical services has a responsibility to evaluate services which are provided to beneficiaries. Even with the refinements in the 1987 analysis, adjusted mortality data does not assess the health status of the patient when the patient arrives at the hospital. Although HCFA believes that it has made strides in analyzing mortality rates in accord with patient mix, it is clear that this national level computer analysis does not consider: the severity of illness at the time of admission, the lack of support and assistance for the poor in living situations prior to admission and the inability of many who live without family to comply with a sophisticated medical regimer outside of the hospital.

We note among the expired patients cared for by the Medical Center, that 42% had Medicaid as a supplemental insurance carrier and 38% had no supplemental insurance coverage. Such measures are proxies for poverty and health status and must be considered in judging the ability of a patient to use preventive medical care and derive the benefit of quality health care.

The assessment of quality is complex and requires the continuing assessment of standards and performance at the hospital level, a continuing assessment which is present within the Jersey City Medical Center as a major teaching hospital. We are proud that we serve all regardless of ability to pay and deliver a quality of care consistent with our responsibilities as a teaching hospital. We will continue our efforts to improve access to care and promote programs to improve health status.

Sincerely,

Harvey A Holzberg

Harvey A. Holzberg
President

COMPARISON OF HCFA AND J.C.M.C.

MORTALITY INFORMATION

FOR YEAR 1987

DIAGNOSTIC CATEGORY	HCFA DATA AS OF 6/10/88			JCMC DATA AS OF 4/30/88			
	Total Cases	Total Deaths	Actual Mort. Rate	Total Cases	Total Deaths	Actual Mort. Rate	Predicted Mortality
ALL CAUSES	957	172	19%	1166	181	16%	10 - 16
CANCER	16	8	50%	29	9	31%	18 - 65
CEREB-ACCIDENTS	63	24	38%	73	20	27%	12 - 37
GASTRO-CASTASTROPHE	15	5	33%	16	5	31%	12 - 60
INFECTIOUS DISEASE	36	17	47%	45	23	51%	17 - 52
METABOLIC	41	11	27%	38	9	24%	9 - 42
PULMONARY DISEASE	69	24	35%	87	27	31%	15 - 40
RENAL FAILURE	13	3	23%	10	2	20%	6 - 65
SEVERE ACUTE HEART	44	16	36%	45	14	31%	24 - 53
SEVERE CHRONIC HEART	47	15	32%	60	14	23%	11 - 39
SEVERE TRAUMA	0	0	0%	2	0	0%	0
GASTRO. DISEASE	29	0	0%	28	1	4%	1 - 19
GYN DISEASE	3	0	0%	3	0	0%	0 -100
LOW RISK HEART	105	6	6%	119	5	4%	1 - 13
MUSCULOSKELETAL	68	2	3%	79	1	1%	0 - 17
NEUROPSYCHIATRIC	71	2	3%	87	1	1%	0 - 34
UROLOGIC	15	1	7%	16	0	0%	0 -100
ALL OTHER	322	38	12%	429	50	12%	N/A

JERSEY SHORE MEDICAL CENTER

1945 CORLIES AVE
NEPTUNE, NJ 07753

Medicare Hospital Provider Number: 310073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,564	14	11 - 15	3,505	15	11 - 15
Cancer	143	39	30 - 51	132	42	30 - 52
Cerebrovascular Accidents	131	27	18 - 35	139	30	20 - 37
Gastrointestinal Catastrophes	33	48	16 - 53	44	41	17 - 51
Infectious Disease	57	47	26 - 55	42	40	20 - 53
Metabolic/Electrolyte Disorders	88	27	17 - 43	87	30	10 - 36
Pulmonary Disease	169	37	20 - 38	184	30	19 - 36
Renal Failure	33	42	18 - 67	16	50	15 - 73
Severe Acute Heart Disease	139	35	31 - 50	159	43	31 - 49
Severe Chronic Heart Disease	193	22	17 - 31	179	26	15 - 30
Severe Trauma	9	11	11 - 62	13	31	11 - 63
Gastrointestinal Disease	208	3	1 - 7	255	3	2 - 7
Gynecologic Disease	29	3	0 -100	18	0	0 -100
Low-Risk Heart Disease	380	5	2 - 7	398	4	2 - 6
Musculoskeletal/Skin Conditions	343	2	1 - 5	337	4	1 - 7
Neuropsychiatric/Sensory Disease	249	3	0 - 9	227	4	0 - 10
Urologic Disease	100	3	1 - 11	80	4	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	494
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	273
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	66
Registered Nurses:	235
Licensed Practical Nurses:	99

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Jersey Shore Medical Center
1945 Route 33, Neptune, New Jersey 07754 (201) 775-5500

Medicare Provider #31-0073

October 17, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

On behalf of Jersey Shore Medical Center, I would like to make the following comments in reference to the 1987 HCFA Medicare Mortality Information. Under the section entitled "Hospital Characteristics", the following corrections should be made:

1. Jersey Shore's total bed number is 482.
2. Jersey Shore does not provide organ transplant services.
3. Jersey Shore does provide Hospice Care Services.

Jersey Shore Medical Center is a major teaching hospital that serves as a regional tertiary service provider to a population of approximately 900,000 people. Jersey Shore Medical Center's regionalized services include a Level III Perinatal Center, a Neonatal Intensive Care Nursery, a Cardiac Diagnostic Center, a Renal Dialysis Center, and a Center for Cancer Therapy which houses an 18 MEV Linear Accelerator for the treatment of cancer. As a regional referral center, the hospital maintains its own licensed heliport for the transport of patients requiring our tertiary services. The Emergency Room at Jersey Shore Medical Center is one of the busiest in the state, providing over 39,000 visits per year.

As major a teaching hospital and tertiary care provider, Jersey Shore Medical Center attracts sicker patients than do other hospitals. These sicker patients require more intensive care (a large portion of whom are either the very frail elderly or the indigent population who have multiple diagnoses) because without insurance they tend to postpone medical care as long as possible. Additionally, Jersey Shore Medical Center's primary service area has one of the highest numbers of diagnosed AIDS cases in the state. All of these factors contribute to Jersey Shore Medical Center's unique patient mix which we understand that HCFA has attempted to adjust for in the reporting of our mortality rates. However, given the diversity of our patient population, any attempt to adjust for these factors is extremely difficult. The fact that we serve older, sicker patients, that we are a major teaching hospital and a tertiary referral center, and that a significant portion of our population is indigent, all contribute to the mortality rate of our hospital.

We at Jersey Shore Medical Center are committed to providing the highest level of quality care, and we hope that these comments can serve to educate our community to the specialized services we provide and diverse population that we serve.

Sincerely,

Michael D'Agnes
Michael D'Agnes
Executive Vice President

MDA/sb

JOHN F KENNEDY MEDICAL CENTER

JAMES STREET
EDISON, NJ 08817

Medicare Hospital Provider Number: 310108

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,867	11	11 - 15	2,896	10	11 - 15
Cancer	156	42	33 - 54	159	39	36 - 57
Cerebrovascular Accidents	144	22	18 - 34	106	19	20 - 37
Gastrointestinal Catastrophes	12	50	12 - 66	20	35	17 - 60
Infectious Disease	30	40	18 - 55	24	29	19 - 57
Metabolic/Electrolyte Disorders	34	29	15 - 49	32	28	16 - 51
Pulmonary Disease	139	21	16 - 33	147	18	17 - 33
Renal Failure	5	60	7 - 82	4	50	11 - 90
Severe Acute Heart Disease	122	39	28 - 48	121	37	30 - 50
Severe Chronic Heart Disease	142	22	17 - 32	121	25	15 - 33
Severe Trauma	4	25	10 - 84	7	14	14 - 72
Gastrointestinal Disease	241	3	1 - 7	238	1	1 - 5
Gynecologic Disease	12	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	359	3	2 - 6	380	2	2 - 6
Musculoskeletal/Skin Conditions	332	2	1 - 5	325	2	1 - 5
Neuropsychiatric/Sensory Disease	91	1	0 - 11	90	3	0 - 15
Urologic Disease	113	1	0 - 12	126	0	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	367
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	30
Registered Nurses:	546
Licensed Practical Nurses:	134

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	Yes

JOHN F KENNEDY MEMORIAL HOSP

18 EAST LAUREL RD
STRATFORD, NJ 08084

Medicare Hospital Provider Number: 310086

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,264	15	10 - 14	3,693	15	10 - 14
Cancer	93	52	32 - 56	95	45	31 - 55
Cerebrovascular Accidents	115	35	17 - 36	107	30	18 - 37
Gastrointestinal Catastrophes	26	42	19 - 59	28	46	20 - 59
Infectious Disease	35	54	20 - 55	39	51	23 - 57
Metabolic/Electrolyte Disorders	90	41	12 - 39	78	29	16 - 42
Pulmonary Disease	130	35	17 - 37	185	35	19 - 37
Renal Failure	19	47	14 - 69	20	35	15 - 70
Severe Acute Heart Disease	126	35	29 - 48	158	48	28 - 46
Severe Chronic Heart Disease	218	26	17 - 31	211	29	16 - 31
Severe Trauma	8	25	9 - 68	3	33	3 - 86
Gastrointestinal Disease	213	8	1 - 10	258	4	1 - 8
Gynecologic Disease	19	5	0 -100	22	0	0 -100
Low-Risk Heart Disease	359	4	2 - 7	440	4	2 - 6
Musculoskeletal/Skin Conditions	265	3	1 - 7	314	4	1 - 7
Neuropsychiatric/Sensory Disease	168	2	1 - 8	211	3	0 - 9
Urologic Disease	161	1	0 - 7	170	2	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 607
Occupancy Rate (%): 64
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 496
Percent of Physicians Who Are Board Certified Specialists: 55
Interns and Residents: 0
Registered Nurses: 291
Licensed Practical Nurses: 114

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

KENNEDY

Kennedy Memorial Hospitals
University Medical Center

Corporate Offices
113 E. Laurel Road
Stratford, NJ 08084
609-346-7900

October 24, 1988

William L. Roper, M.D., Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
P.O. 26684
Baltimore, Maryland 21207

Dear Dr. Roper:

Enclosed with this letter is Kennedy's response to the 1987 HCFA mortality data release. This response is not intended to discredit the intent of the data released or the methodology used in determination of the mortality rates or the predicted ranges.

As a public service, HCFA must caution readers that this information does not provide an index to hospital performance since it does not provide complete information and does not include other relevant information impacting upon the mortality rates of our hospital and other New Jersey hospitals.

Very truly yours,

Richard E. Murray

Richard E. Murray
Executive Vice President

lr
Enclosure

The Major Teaching Affiliate of the University of Medicine and Dentistry of New Jersey
New Jersey School of Osteopathic Medicine

October 24, 1988

MORTALITY DATA RELEASE

Introduction

Kennedy Memorial Hospitals-University Medical Center acknowledges the opportunity to review and comment on the Health Care Financing Administration (HCFA) mortality data. Kennedy continuously conducts mortality review as required by state licensure and accreditation as part of the Hospital's Quality Assurance Program. This program is audited regularly by the State of New Jersey Department of Health and the accreditation organization. Kennedy has maintained total compliance with these requirements and regulations as validated by these two outside agencies. It should be understood that this quality review activity would be carried out by Kennedy Hospital and medical staff even if it were not required by the government and other external reviewers.

Comments

It is not the intent of this response to discredit the Health Care Financing Administration methodology or its purpose in releasing this information to the public. However, it is felt that this data does not represent a valid indicator for the quality of care provided in our Hospital since the data is incomplete.

The severity of illness adjustment methodology is an alleged refinement over last year's methodology. Supposedly, it accounts for more detail and co-morbidity, age, etc. However, the parallel review performed in our Hospital includes HCFA co-morbidities and other complication indicators as well. This is evidenced in the review performed in the category "Metabolic/Electrolyte Disturbances" that documented malignancies, sepsis, and heart disease as complications in twenty-three cases (refer to Attachment A). This review supports the fact that co-morbidities are often the underlying reasons for hospitalization of many seriously ill patients in this and other categories.

The medical records of all of the patients who died were reviewed to determine if the deaths were the expected outcome at the time the patient was admitted; i.e., the patient was admitted to the Hospital in order to die, or death was the result of following the patient's wishes with respect to extraordinary efforts; such as, "do not resuscitate." Mortality review is conducted in all cases where death was not expected at the time the patient was admitted, and in cases where death was considered a significant possibility; such as the patient was under treatment for a chronic condition or has sustained massive trauma. New Jersey hospitals treat the second oldest median age population in the nation. The state's Medicare patients' average length of stay is 10.9 days compared to a national average of 8.8 days. Simply put, New Jersey hospitals treat more Medicare patients who stay longer resulting in expected higher mortality rates within the diagnostic categories. HCFA lumps New Jersey hospitals in with the rest of the nation's hospitals.

Kennedy Action

In recognition of the needs of our aging population, Kennedy has developed referral networks and the following unique services in response to those needs:

- Hospital is a multi-disciplinary teaching hospital servicing patients with increased severity of illness.
- The University and the Hospital has a gerontology training program that educates young physicians in treating the special needs of the elderly.
- Allocation of hospice beds to meet the needs of the terminally ill.
- A highly specialized respiratory intensive care unit.
- Own and operate our own nursing home and service the medical needs of approximately thirty surrounding extended care facilities.
- Cardiac Cath Lab to meet the increased acuity status of our cardiac patients.
- Inpatient as well as outpatient oncology services.

As the result of the unique services, Medicare beneficiaries with a higher degree of severity of illness are attracted to Kennedy Memorial Hospital-University Medical Center.

The HCFA staffing information has two major flaws; 1) percent of physicians who are board certified specialists - 44 - when in fact, in 1987 the medical staff have 339 board certified specialists; 2) interns and residents per bed - 0.00 - when in fact, in 1987 the per bed indicator was 0.31 (152 interns and residents). Kennedy Memorial Hospitals-University Medical Center is the major teaching affiliate of the University of Medicine and Dentistry of New Jersey-School of Osteopathic Medicine with sixteen residency training programs.

In reference to speciality services, the Hospital does provide hospice care and coronary care where HCFA information indicates "no."

KENNEDY MEMORIAL HOSPITAL AT SADDLE

300 MARKET STREET
SADDLE BROOK, NJ 07662

Medicare Hospital Provider Number: 310085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	819	13	10 - 16	802	12	10 - 16
Cancer	28	36	24 - 61	27	37	21 - 58
Cerebrovascular Accidents	49	22	16 - 41	28	18	12 - 43
Gastrointestinal Catastrophes	6	67	15 - 81	3	67	9 - 90
Infectious Disease	6	17	6 - 69	12	42	21 - 73
Metabolic/Electrolyte Disorders	16	38	9 - 57	24	29	8 - 48
Pulmonary Disease	46	26	14 - 41	51	29	17 - 44
Renal Failure	4	50	9 - 87	4	75	9 - 86
Severe Acute Heart Disease	36	44	23 - 56	29	34	24 - 58
Severe Chronic Heart Disease	58	24	13 - 37	58	17	14 - 36
Severe Trauma	2	0	2 - 89	2	50	2 - 92
Gastrointestinal Disease	60	2	1 - 14	75	4	1 - 14
Gynecologic Disease	8	13	0 -100	12	0	0 -100
Low-Risk Heart Disease	97	5	1 - 14	95	4	1 - 12
Musculoskeletal/Skin Conditions	99	3	0 - 14	71	1	0 - 19
Neuropsychiatric/Sensory Disease	20	0	0 - 52	31	0	0 - 44
Urologic Disease	21	0	0 - 86	23	4	0 - 81

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	112
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

Kennedy Memorial Hospitals
at Saddle Brook

300 Market St. ■ Saddle Brook, NJ 07662 ■ (201) 368-6000

October 12, 1988

William L. Roper, M.D.
Administrator
H.C.F.A.
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Doctor Roper:

Re: Mortality Data

Thank you for giving us the opportunity to review and comment on our 1987 Medicare Mortality Data prior to publication.

We request correction of the data regarding the total number of physicians on staff to reflect 290 and the percent of physicians who are board certified to reflect 60% under the category of Hospital Characteristics-Staffing.

We are concerned that in five (5) diagnostic categories, our hospital had a limited number of cases. In future data releases, serious consideration should be given to a minimum sampling in each category.

Although H.C.F.A. will stress to the public that these statistics are not a complete measure of the quality of care rendered at an individual hospital, our concern is that this data will increase consumers apprehension and misunderstanding of a hospital's performance.

Sincerely,

Paul R. Cardillo
Executive Director

PRC/db

Hospital # 310085

cc: New Jersey Hospital Association

MEADOWLANDS HOSP MEDICAL CENTER

MEADOWLAND PARKWAY
SECAUCUS, NJ 07094

Medicare Hospital Provider Number: 310118

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,084	11	8 - 13	1,204	11	9 - 14
Cancer	48	33	23 - 52	46	41	29 - 60
Cerebrovascular Accidents	34	29	14 - 45	42	33	17 - 46
Gastrointestinal Catastrophes	10	60	15 - 71	11	36	13 - 67
Infectious Disease	12	58	16 - 68	13	38	13 - 64
Metabolic/Electrolyte Disorders	10	50	11 - 69	11	27	10 - 62
Pulmonary Disease	44	20	11 - 37	53	17	14 - 37
Renal Failure	3	67	7 - 90	1	0	3 - 99
Severe Acute Heart Disease	25	44	21 - 59	43	53	24 - 54
Severe Chronic Heart Disease	82	20	11 - 30	80	27	12 - 33
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	89	2	1 - 11	103	4	1 - 13
Gynecologic Disease	8	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	221	2	1 - 6	214	2	2 - 7
Musculoskeletal/Skin Conditions	86	0	1 - 7	112	3	0 - 13
Neuropsychiatric/Sensory Disease	36	0	0 - 19	51	2	0 - 38
Urologic Disease	50	2	0 - 50	55	0	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	200
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	437
Percent of Physicians Who Are Board Certified Specialists:	57
Interns and Residents:	0
Registered Nurses:	125
Licensed Practical Nurses:	41

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Meadowlands Hospitala Medical Center
Secaucus, New Jersey

Provider Number: 31-0118

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

MEDICAL CENTER AT PRINCETON

253 WITHERSPOON ST
PRINCETON, NJ 08540

Medicare Hospital Provider Number: 310010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,336	10	10 - 15	2,518	11	11 - 15
Cancer	133	35	33 - 54	133	38	36 - 58
Cerebrovascular Accidents	94	27	17 - 36	114	25	19 - 37
Gastrointestinal Catastrophes	20	40	11 - 55	14	36	14 - 64
Infectious Disease	15	33	14 - 62	18	33	16 - 60
Metabolic/Electrolyte Disorders	34	18	10 - 42	34	29	12 - 47
Pulmonary Disease	114	24	16 - 35	119	18	19 - 37
Renal Failure	2	0	0 - 97	3	33	5 - 88
Severe Acute Heart Disease	89	33	28 - 49	128	33	30 - 49
Severe Chronic Heart Disease	109	22	15 - 33	98	21	15 - 33
Severe Trauma	1	100	0 -100	3	33	1 - 88
Gastrointestinal Disease	170	2	1 - 7	145	2	1 - 8
Gynecologic Disease	14	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	226	4	2 - 7	236	4	1 - 7
Musculoskeletal/Skin Conditions	200	2	1 - 7	229	1	1 - 5
Neuropsychiatric/Sensory Disease	63	2	0 - 14	90	1	1 - 9
Urologic Disease	165	1	0 - 7	155	1	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	427
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	272
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	201
Licensed Practical Nurses:	72

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

THE MEDICAL CENTER AT PRINCETON

Princeton, New Jersey 08540-3213 • 609-921-7700

DENNIS W. DOODY, PRESIDENT

Medicare Provider No. 31-0010

October 24, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Doctor Roper:

The Medical Center at Princeton would like to offer the following comments on the HCFA Mortality Data as follows:

1. We are in agreement with the mortality data you sent to us;
2. The Medical Center has an ongoing Quality Assurance Program that reviews and assures for high quality care to all of our patients;
3. All deaths at the Medical Center are automatically peer reviewed as part of our Quality Assurance Program;
4. We do not believe that mortality data only is an appropriate measure of the quality of care provided by an individual hospital or to make comparisons among hospitals;
5. The Medical Center at Princeton continues to achieve the maximum 3 year accreditation by the Joint Commission on Accreditation of Healthcare Organizations.

We thank you for the opportunity to comment on the mortality information.

Sincerely,

Dennis W. Doody/jb

Dennis W. Doody
President
The Medical Center at Princeton

DWD/do

MEMORIAL GENERAL HOSP

1000 GALLOPING HILL RD
UNION, NJ 07083

Medicare Hospital Provider Number: 310090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,612	15	10 - 15	1,627	16	11 - 16
Cancer	60	50	31 - 59	67	69	34 - 60
Cerebrovascular Accidents	71	31	18 - 41	76	36	17 - 40
Gastrointestinal Catastrophes	17	41	18 - 64	17	29	14 - 59
Infectious Disease	26	35	21 - 59	10	40	12 - 69
Metabolic/Electrolyte Disorders	21	14	9 - 45	18	17	9 - 49
Pulmonary Disease	96	34	14 - 36	82	35	17 - 40
Renal Failure	6	33	9 - 79	10	50	17 - 81
Severe Acute Heart Disease	72	51	30 - 55	72	49	30 - 54
Severe Chronic Heart Disease	93	32	14 - 34	105	27	16 - 35
Severe Trauma	4	50	6 - 83	3	0	3 - 80
Gastrointestinal Disease	112	6	1 - 14	119	3	1 - 11
Gynecologic Disease	6	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	185	3	1 - 7	191	5	1 - 9
Musculoskeletal/Skin Conditions	183	3	1 - 8	171	3	1 - 8
Neuropsychiatric/Sensory Disease	83	2	0 - 18	56	2	0 - 22
Urologic Disease	72	1	0 - 18	87	1	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	201
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	256
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	20
Registered Nurses:	113
Licensed Practical Nurses:	45

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSP OF BURLINGTON CO

175 MADISON AVE
MOUNT HOLLY, NJ 08060

Medicare Hospital Provider Number: 310057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,570	12	10 - 15	2,851	12	11 - 15
Cancer	107	41	30 - 53	121	44	30 - 52
Cerebrovascular Accidents	113	25	20 - 37	120	22	19 - 36
Gastrointestinal Catastrophes	24	46	17 - 58	27	41	15 - 55
Infectious Disease	19	37	19 - 63	33	42	20 - 56
Metabolic/Electrolyte Disorders	47	38	14 - 47	54	24	10 - 39
Pulmonary Disease	137	21	17 - 34	146	28	17 - 36
Renal Failure	5	20	7 - 79	5	80	16 - 87
Severe Acute Heart Disease	112	38	28 - 49	127	34	30 - 49
Severe Chronic Heart Disease	100	26	17 - 35	112	25	18 - 36
Severe Trauma	5	60	8 - 80	8	38	10 - 72
Gastrointestinal Disease	213	1	1 - 6	218	3	1 - 7
Gynecologic Disease	23	0	0 -100	28	0	0 -100
Low-Risk Heart Disease	286	2	2 - 6	311	2	2 - 6
Musculoskeletal/Skin Conditions	216	2	1 - 7	290	2	1 - 6
Neuropsychiatric/Sensory Disease	152	3	0 - 10	183	1	1 - 6
Urologic Disease	98	3	0 - 14	91	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 322
Occupancy Rate (%): (not available)
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

Memorial Hospital of Burlington County

175 Madison Avenue
Mount Holly, New Jersey 08060
Telephone: 609-267-0700

October 14, 1988

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Memorial Hospital of Burlington County has received and reviewed its HCFA released Medicare Hospital Mortality Information for calendar years 1987 and 1986.

Statistical information specific to this hospital was received with an introductory/explanatory cover letter from William L. Roper, M.D., Administrator of the Health Care Financing Administration. On page 3 of that letter, Dr. Roper makes a significant, cautionary statement regarding review and analysis of the data.

Dr. Roper emphasizes the fact that mortality data by itself is not a complete measure of the quality of care provided by an individual hospital. He further identifies the need for additional statistical measures (.i.e. severity of illness) to identify complex issues before the data is used to judge any one hospital or to compare hospitals to one another. We heartedly endorse these statements.

Finally, regarding the validity of the statistical information provided, we would like to provide you with accurate data regarding characteristics of Memorial Hospital of Burlington County. The information below is based on calender year 1987.

* Beds (Licensed Capacity)	402
* Occupancy Rate (based on licensed capacity)	68.4
Ownership/Control:	Private, Non-Profit
Staffing:	
* Total Number of Physicians	301
* Percent of Physicians who are Board Certified Spec.	80%
* Interns & Residents per Bed:	.04
* Registered Nurses per Bed:	.68
* Licensed Practical Nurses per Bed:	.14
Specialty Services:	
Shock/Trauma or Burn Unit:	No
* Coronary Care Unit:	Yes
* Organ Transplant Service:	No
Hospice Care	No

An asterisk (*) represents data that is incorrect on the initial statistical **report** received from HCFA.

Sincerely,

Geoffrey Stone

Geoffrey L. Stone
Administrator

M Dean Kinsey

M. Dean Kinsey, M.D.
Director of Medical Affairs

A Member of VHA

MERCER MEDICAL CENTER

446 BELLEVUE AVE
TRENTON, NJ 08607

Medicare Hospital Provider Number: 310044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,916	10	10 - 14	1,902	13	10 - 15
Cancer	97	26	31 - 53	94	45	32 - 56
Cerebrovascular Accidents	74	15	17 - 35	62	23	19 - 41
Gastrointestinal Catastrophes	23	26	17 - 56	17	53	16 - 64
Infectious Disease	26	35	17 - 55	23	26	25 - 64
Metabolic/Electrolyte Disorders	19	42	8 - 54	48	27	15 - 45
Pulmonary Disease	63	33	16 - 41	73	21	17 - 39
Renal Failure	10	40	13 - 76	7	57	8 - 78
Severe Acute Heart Disease	70	31	28 - 52	69	29	26 - 49
Severe Chronic Heart Disease	81	14	12 - 29	85	26	14 - 34
Severe Trauma	5	0	11 - 68	3	0	0 - 92
Gastrointestinal Disease	136	2	1 - 8	129	5	1 - 12
Gynecologic Disease	16	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	218	4	1 - 7	234	5	1 - 8
Musculoskeletal/Skin Conditions	163	2	1 - 8	148	2	1 - 8
Neuropsychiatric/Sensory Disease	138	1	1 - 8	115	3	0 - 13
Urologic Disease	89	1	0 - 15	80	2	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	343
Occupancy Rate (%):	69
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	132
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	342
Licensed Practical Nurses:	64

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCER MEDICAL CENTER

October 4, 1988

William L. Roper, M.D.
Administration
Health Care Financial Administration
Department of Health and Human Services
Washington, D.C. 20201

Response to HCFA

Dear Doctor Roper:

Mercer Medical Center has received and reviewed the 1987 Medicare Hospital Mortality information which you sent. Our review reveals that in six of the seventeen categories, our actual mortality rate was at or below the lowest percent of the range for predicted mortality. In the remaining categories, our actual mortality rate was between mid-point and the lowest percent.

After noting the above, the excellent record that Mercer Medical Center has achieved, we must again protest the meaningless and expensive exercise of gathering and publishing this data. We concur with your conclusions that the differences between actual and predicted mortality rates are not an indicator of quality of care differences. We concur that a hospital's actual mortality rate, as published, may be the result of simple chance, differences in the kinds of patients treated and/or differences in the treatment provided as well as numerous other reasons. We also appreciate that the public will look at the numbers only and will ignore your disclaimers as to their validity.

Mercer Medical Center long ago concluded, as you have now, that "only case review will contribute to the hospital's ongoing quality assurance efforts by identifying what it was about the care that may have contributed to the outcome". That conclusion led to Mercer Medical Center's ongoing peer review of all deaths and significant morbidities. It is hoped that HCFA will take its own conclusions to heart.

Sincerely yours,

Robert P. Kamrin, M.D.
Medical Director

RPK:r

446 Bellevue Avenue P.O. Box 1658 Trenton, New Jersey 08607 609-394-4000

MIDDLESEX GEN HOSP

180 SOMERSET ST
NEW BRUNSWICK, NJ 08901

Medicare Hospital Provider Number: 310038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,176	11	9 - 13	2,135	11	9 - 13
Cancer	107	38	31 - 53	74	39	30 - 56
Cerebrovascular Accidents	54	19	16 - 39	62	29	17 - 41
Gastrointestinal Catastrophes	19	32	11 - 55	22	41	17 - 59
Infectious Disease	22	45	19 - 61	23	52	17 - 59
Metabolic/Electrolyte Disorders	26	15	9 - 43	30	27	6 - 43
Pulmonary Disease	65	23	16 - 39	68	21	13 - 35
Renal Failure	7	29	6 - 75	14	43	13 - 73
Severe Acute Heart Disease	108	27	28 - 48	92	37	29 - 50
Severe Chronic Heart Disease	104	30	13 - 32	86	16	15 - 32
Severe Trauma	1	0	0 - 97	1	100	0 - 98
Gastrointestinal Disease	124	5	1 - 12	127	3	1 - 9
Gynecologic Disease	19	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	440	4	2 - 6	387	3	2 - 6
Musculoskeletal/Skin Conditions	184	1	1 - 6	256	1	1 - 5
Neuropsychiatric/Sensory Disease	113	3	0 - 11	116	3	0 - 15
Urologic Disease	47	0	0 - 43	64	3	0 - 52

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	353
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	634
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	400
Licensed Practical Nurses:	73

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ROBERT·WOOD·JOHNSON
UNIVERSITY HOSPITAL

Provider No. 310038

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to comment on the 1986 and 1987 medical mortality statistics being published by the Health Care Financing Administration.

Our Quality Assurance Department has analyzed the statistics provided by HCFA and discovered that a number of individuals listed were not in our records as patients at this hospital. Moreover, some of the information under "Hospital Characteristics" is incorrect. The Hospital has 416 beds, not 265; as a teaching hospital, we definitely have interns and residents; and we do not have a transplant service.

According to the report, we fall within the predicted mortality range for all categories in both 1986 and 1987, with one exception. The exception is "severe trauma" in 1986 - which shows 100% mortality. Since there was only one case listed, this is statistically not significant. The one severe trauma case in 1987 had a 0% mortality rate, further indicating the lack of significance of the statistics for severe trauma.

Quality care continues to be a goal of Robert Wood Johnson University Hospital. Quality Assurance Committees, made up of physicians, nurses, administrators, and ancillary personnel, are organized and meet regularly in the Departments of Medicine, Surgery, Obstetrics-Gynecology, Pediatrics, and Family Medicine. These committees assess patient care. There are other special committees, such as the Transfusion Committee to evaluate blood usage and the Surgical Care Review Committee which evaluates indications for surgery. A full-time Quality Assurance Department assists the medical and ancillary staff in assessing and improving quality of care.

Sincerely,

Eugene F Horan

Eugene F. Horan
Vice President
Community Relations

bes

One Robert Wood Johnson Place
New Brunswick, New Jersey 08901/201-828-3000

MILLVILLE HOSP

N HIGH ST
MILLVILLE, NJ 08332

Medicare Hospital Provider Number: 310032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	829	15	10 - 16	881	14	10 - 16
Cancer	45	62	28 - 58	38	39	27 - 60
Cerebrovascular Accidents	33	24	12 - 42	32	34	11 - 45
Gastrointestinal Catastrophes	9	22	11 - 66	4	25	5 - 80
Infectious Disease	4	50	9 - 85	4	25	4 - 80
Metabolic/Electrolyte Disorders	13	54	10 - 63	38	34	14 - 48
Pulmonary Disease	21	19	11 - 47	18	39	8 - 53
Renal Failure	4	100	21 - 89	1	0	0 - 98
Severe Acute Heart Disease	41	46	20 - 51	46	39	22 - 51
Severe Chronic Heart Disease	65	12	14 - 32	50	26	11 - 37
Severe Trauma	1	100	0 - 99	3	67	5 - 87
Gastrointestinal Disease	80	4	0 - 15	66	2	0 - 13
Gynecologic Disease	10	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	101	5	1 - 13	98	3	1 - 11
Musculoskeletal/Skin Conditions	72	4	0 - 20	80	4	0 - 16
Neuropsychiatric/Sensory Disease	18	11	0 - 94	23	0	0 - 71
Urologic Disease	19	0	0 - 93	22	5	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	105
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	41
Percent of Physicians Who Are Board Certified Specialists:	59
Interns and Residents:	0
Registered Nurses:	73
Licensed Practical Nurses:	46

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

millville hospital

frank h. wheaton regional cancer treatment center

High Street and Harrison Avenue
Millville, New Jersey 08332
(609) 825-3500

October 20, 1988

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Provider #310032

Gentlemen:

We have reviewed the **HCFA Mortality Statistics** for **Millville Hospital** for the calendar year **1987** and have noted that our actual mortality rates fall within the range of predicted rates for all but two of the diagnostic categories.

As we indicated in our response to the Mortality Statistics for 1986, Millville Hospital does operate a Regional Cancer Treatment Center which draws from a relatively wide base compared to other acute care facilities. Many patients are admitted or transferred to Millville Hospital for palliative therapy for advanced malignant disease and a significant percentage of these patients expire within 30 days of their last admission. These admissions would tend to increase our expected mortality rates for cancer patients.

All of these cancer mortalities were reviewed by a select multi-disciplinary committee. This review revealed that many of our cancer patients had far advanced disease and the mean age for our cancer patients in 1987 was 73 years versus 71 years old in 1986. Many of our patients who receive both palliative and curative cancer therapy at Millville Hospital from outlying areas are subsequently admitted to their local acute care hospitals for other related or non-related illnesses during the same calendar year. These patients may, therefore, be excluded from our population base and further tend to increase the percentage of cancer mortalities at our institution.

We also reviewed the four cases of mortality in patients with a diagnosis of acute renal failure. Although, all of these patients did have evidence of acute renal failure at the time of their last hospital admission, **all of them also had other severe illnesses** including life threatening systemic infections and advanced heart disease. None of these patients' deaths were related in any way to the management of their renal disease.

We will continue to maintain an active and ongoing mortality review and overall Quality Assessment program at Millville Hospital.

Sincerely,

Larry Mapow, M.D.
Chairman - Medical Q.A. Committee

Eber Henderson, M.D.

Eber J. Henderson, M.D.
President - Medical Staff

Ronald E Sotak

Ronald E. Sotak
Vice President - Administration

LM/lra

MONMOUTH MEDICAL CENTER

300 2ND AVE
LONG BRANCH, NJ 07740

Medicare Hospital Provider Number: 310075

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,812	12	10 - 14	2,889	12	10 - 15
Cancer	128	50	31 - 53	124	51	34 - 56
Cerebrovascular Accidents	84	19	20 - 38	85	18	18 - 36
Gastrointestinal Catastrophes	22	23	18 - 57	35	37	15 - 51
Infectious Disease	60	45	22 - 51	61	34	24 - 52
Metabolic/Electrolyte Disorders	38	21	13 - 45	43	28	12 - 43
Pulmonary Disease	123	24	17 - 36	120	27	20 - 39
Renal Failure	9	33	6 - 71	17	18	17 - 70
Severe Acute Heart Disease	88	41	29 - 51	108	32	30 - 50
Severe Chronic Heart Disease	125	18	16 - 32	115	25	15 - 32
Severe Trauma	10	40	10 - 67	6	33	9 - 76
Gastrointestinal Disease	190	3	1 - 7	202	4	1 - 9
Gynecologic Disease	21	0	0 -100	14	7	0 - 80
Low-Risk Heart Disease	320	2	2 - 6	295	3	2 - 7
Musculoskeletal/Skin Conditions	262	2	1 - 6	275	2	1 - 6
Neuropsychiatric/Sensory Disease	216	0	0 - 5	215	2	0 - 7
Urologic Disease	113	1	0 - 11	121	1	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	506
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	320
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	115
Registered Nurses:	517
Licensed Practical Nurses:	134

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MONTCLAIR COMMUNITY HOSP

120 HARRISON AVE
MONTCLAIR, NJ 07042

Medicare Hospital Provider Number: 310043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	911	14	11 - 16	981	12	10 - 16
Cancer	29	28	29 - 63	32	34	27 - 61
Cerebrovascular Accidents	50	30	16 - 42	54	28	17 - 42
Gastrointestinal Catastrophes	9	44	8 - 68	4	0	5 - 71
Infectious Disease	8	38	8 - 69	6	33	5 - 73
Metabolic/Electrolyte Disorders	35	34	8 - 44	41	29	12 - 45
Pulmonary Disease	66	26	16 - 39	49	22	14 - 40
Renal Failure	1	0	2 - 97	1	100	3 - 99
Severe Acute Heart Disease	41	49	27 - 58	36	50	28 - 61
Severe Chronic Heart Disease	48	19	14 - 37	67	22	14 - 36
Severe Trauma	1	0	0 - 98	1	0	0 - 99
Gastrointestinal Disease	79	5	1 - 15	81	7	1 - 18
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	109	3	1 - 10	114	3	1 - 9
Musculoskeletal/Skin Conditions	71	6	0 - 36	98	1	0 - 9
Neuropsychiatric/Sensory Disease	30	3	0 - 42	41	5	0 - 64
Urologic Disease	29	0	0 - 38	37	0	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	100
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	120
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	53
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MORRISTOWN MEMORIAL HOSP

100 MADISON AVE
MORRISTOWN, NJ 07960

Medicare Hospital Provider Number: 310015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,466	13	11 - 14	3,814	11	10 - 14
Cancer	149	39	32 - 53	168	35	33 - 53
Cerebrovascular Accidents	109	25	18 - 36	139	29	19 - 36
Gastrointestinal Catastrophes	27	48	20 - 59	35	20	21 - 53
Infectious Disease	44	52	21 - 53	46	28	23 - 54
Metabolic/Electrolyte Disorders	31	26	20 - 55	42	24	13 - 44
Pulmonary Disease	194	34	19 - 36	161	29	21 - 38
Renal Failure	31	42	18 - 68	20	20	10 - 63
Severe Acute Heart Disease	107	33	31 - 51	151	41	30 - 49
Severe Chronic Heart Disease	157	18	16 - 30	147	23	16 - 31
Severe Trauma	7	43	6 - 72	9	11	9 - 60
Gastrointestinal Disease	209	7	1 - 10	263	5	1 - 8
Gynecologic Disease	32	0	0 - 70	40	0	0 -100
Low-Risk Heart Disease	381	3	2 - 6	418	3	2 - 6
Musculoskeletal/Skin Conditions	365	3	1 - 6	386	2	1 - 5
Neuropsychiatric/Sensory Disease	202	1	1 - 6	217	1	1 - 6
Urologic Disease	172	2	0 - 9	201	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	582
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	453
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	92
Registered Nurses:	263
Licensed Practical Nurses:	100

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MORRISTOWN MEMORIAL HOSPITAL
100 MADISON AVENUE / MORRISTOWN, NEW JERSEY 07960

A Major Teaching Affiliate of The Columbia University College of Physicians and Surgeons

Telephone: 201-540-5147

October 6, 1988

Mrs. Sandra Kappert
Health Standards & Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Md. 21207

RE: Hospital I.D. #310015

Dear Mrs. Kappert:

I am in receipt of the 1987 Medicare Hospital Mortality Information which your office distributed in mid-September. While Morristown Memorial Hospital was pleased to note it was well within the parameters of the range for predicted mortality on all diagnostic categories, we write to express our concern about the data incorporated under "Hospital Characteristics". Going back to the 1986 Annual Survey of Hospitals submitted by Morristown Memorial Hospital, I find the following errors:

1. Your data lists number of beds as 379. The AHA survey lists total number of beds as 606. While the acute care division is licensed for 541 beds, the 606 includes 15 neonatal intermediate care basinetts, 50 skilled nursing and 28 rehabilitation beds at our sub-acute care division. The census reported on the AHA survey was 398. Neither of these numbers reconcile with the 379 shown on your data. However, it would appear that the occupancy rate is probably figured on the 541 beds.

2. The "percent of physicians who are Board certified specialists" is also in error. The 1986 Annual Survey Reports 398 physicians on our active and associate medical staff of which 277 or 70% are Board certified.

3. I am unable to determine where the denominator for the number of interns and residents per bed, registered nurses per bed, and licensed practical nurses per bed was obtained. It also appears this number differs for each of the three staffing ratios.

4. Morristown Memorial Hospital does not have an organ transplant service nor did we report an organ transplant service. The answer to organ

transplant service should be no.

The many inaccuracies between the data we actually reported to the AHA in 1986 and the data reflected on the Medicare Hospital Mortality Information leaves me very uncomfortable. We hope every effort will be made to correct this data prior to its public release, as it paints an inaccurate picture of Morristown Memorial Hospital, its staff, its physicians, and its services.

We appreciate the opportunity to comment on this data prior to its public dissemination, and we look forward to seeing these inaccuracies corrected.

Sincerely,

Carol Paul

Carol Paul
Vice President,
Legal/External Affairs

CP/s
D/38

MOUNTAINSIDE HOSP

BAY HIGHLAND AVES
MONTCLAIR, NJ 07042

Medicare Hospital Provider Number: 310054

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,278	12	10 - 14	3,480	13	11 - 15
Cancer	162	33	32 - 52	197	36	32 - 51
Cerebrovascular Accidents	113	33	19 - 37	156	32	21 - 37
Gastrointestinal Catastrophes	34	44	20 - 56	30	43	20 - 58
Infectious Disease	31	39	18 - 55	39	46	20 - 55
Metabolic/Electrolyte Disorders	28	32	15 - 52	40	38	9 - 44
Pulmonary Disease	149	25	17 - 34	150	33	20 - 38
Renal Failure	12	8	16 - 68	11	36	18 - 80
Severe Acute Heart Disease	161	40	32 - 50	181	38	33 - 50
Severe Chronic Heart Disease	116	16	15 - 30	122	23	15 - 32
Severe Trauma	4	25	9 - 83	15	13	11 - 54
Gastrointestinal Disease	264	3	1 - 7	228	3	1 - 7
Gynecologic Disease	20	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	399	4	2 - 7	396	3	2 - 6
Musculoskeletal/Skin Conditions	325	4	1 - 7	334	3	1 - 6
Neuropsychiatric/Sensory Disease	109	4	1 - 11	148	2	0 - 9
Urologic Disease	185	2	0 - 8	198	0	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	310
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	314
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	38
Registered Nurses:	339
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MUHLENBERG HOSP

PARK AVE RANDOLPH RD
PLAINFIELD, NJ 07060

Medicare Hospital Provider Number: 310063

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,868	13	10 - 14	2,857	14	11 - 15
Cancer	122	41	31 - 53	139	51	33 - 54
Cerebrovascular Accidents	141	22	18 - 34	140	33	18 - 36
Gastrointestinal Catastrophes	33	27	15 - 50	25	24	14 - 52
Infectious Disease	30	57	22 - 59	33	48	19 - 56
Metabolic/Electrolyte Disorders	55	29	11 - 41	42	29	9 - 42
Pulmonary Disease	124	25	16 - 34	137	31	17 - 36
Renal Failure	13	46	11 - 71	14	36	11 - 70
Severe Acute Heart Disease	109	39	28 - 48	110	40	32 - 53
Severe Chronic Heart Disease	158	22	16 - 30	135	20	15 - 31
Severe Trauma	9	44	7 - 68	4	25	4 - 80
Gastrointestinal Disease	185	4	1 - 8	194	6	1 - 10
Gynecologic Disease	21	5	0 -100	23	0	0 -100
Low-Risk Heart Disease	366	4	2 - 7	328	5	2 - 7
Musculoskeletal/Skin Conditions	237	5	1 - 8	254	1	1 - 5
Neuropsychiatric/Sensory Disease	132	1	0 - 8	109	5	0 - 18
Urologic Disease	98	2	0 - 11	106	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	373
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	342
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	31
Registered Nurses:	304
Licensed Practical Nurses:	34

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MUHLENBERG REGIONAL MEDICAL CENTER, INC.

Park Avenue & Randolph Road
Plainfield, NJ 07061

Frances M. Hulse, M.D.
Senior Vice President
Medical Affairs
(201) 668-2122

October 21, 1988

William Roper, M.D.
HCFA Administrator
Health Standards and Quality Review
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, M.D. 21207

Re: 1987 Mortality Data
Hospital ID-310063
Muhlenberg Hospital
(Muhlenberg Regional
Medical Center, Inc.)

Dear Mr. Roper:

Once again thank you for the opportunity to review and respond to HCFA's Mortality data for 1987 recently provided to Muhlenberg Regional Medical Center.

Upon receipt of the data, a team of professionals from our medical staff, Quality Assurance Office and Data Processing Department were assigned to review the mortality data as well as a select sample of medical records of these patients.

This review included:

1. Comparison of the actual numerical data with our own internal statistics.

2. Review of all deaths on a case by case basis with our internal mortality review data. This is a product of a comprehensive peer review process which identifies cause of death, co-morbidity, health status of the patient upon arrival to the hospital, existence of a 'Do Not Resuscitate' (DNR) order upon arrival to the hospital and also within twenty-four (24) hours of admission. Also reviewed are admissions from nursing homes and admissions of terminally ill patients. The condition of the patient on admission, the timeliness of the admission and the patient's response to treatment are all key factors in evaluating the patient's outcome as it relates to mortality review.

3. Review of two specific categories, Severe Traumas and Infectious Diseases. An effort was made to trace deaths outside the hospital. Several cases were discharged to nursing homes and records were not available for further review.

VHA. Member of Voluntary Hospitals of America, Inc.

Affiliated with the University of Medicine and Dentistry of New Jersey/Robert Wood Johnson Medical School

4. Review of 1986 AHA information. The figures are totally inaccurate. This is cause for serious concern that such basic information is grossly in error and creates difficulty in building confidence in other data comparison.

	Incorrect		Correct
Bed Capacity	306	vs.	443 (licensed bed capacity) 424 (set up and staffed)
Speciality			
Shock/Trauma	Yes		No
Coronary Care	Yes		Yes
Organ Transplant	Yes		No
Hospice Care	No		Yes

Hopefully the AHA 1987 statistics will prove accurate.

In analyzing the HCFA data against our internal data, we are satisfied with the relative accuracy as it relates to the case by case review of in-patient Medicare deaths. Our case by case review has revealed a population of patients with a highly significant coincidence of serious co-morbid conditions and complications. A high proportion of these patients had a DNR order. We consider this is a clear indicator of severity of illness, a most critical aspect of mortality review. We remain concerned over the lack of a definitive, objective tool to assess severity of illness. We do appreciate the efforts taken on the Medicare Mortality Predicator System, that we are currently reviewing to assess severity of illness. This should greatly enhance the validity and significance of mortality review. Furthermore, a pilot program is nearing completion in New Jersey which will probably result in implementation in 1989 of a system for determination of severity of illness.

Muhlenberg Regional Medical Center prides itself on a strong, institutional commitment to quality vigorously supported by Board, Management and Medical Staff. Extensive mechanisms are in place to monitor and assure that a high standard of quality is maintained. This is accomplished by means of a comprehensive quality program which includes a system to identify quality problems and institute corrective actions.

Mortality data provides a valuable tool to identify potential areas for focus and this represents an integral part of our quality review process. We strongly urge that education be provided to caution consumers regarding the limitation of this data as an indicator of institutional quality. The responsibility for education of the public in this regard is an important task to which HCFA should address itself at the time of public release of this information.

Very truly yours,

Frances M. Hulse MD.

FRANCES M. HULSE, M.D.
Sr. Vice President for
Medical Affairs

FMh/lt

cc: David M. Ridgway, President
Muhlenberg Regional Medical Center, Inc.

NEWARK BETH ISRAEL MEDICAL CENTER

201 LYONS AVE
NEWARK, NJ 07112

Medicare Hospital Provider Number: 310002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,461	11	8 - 12	2,819	12	6 - 11
Cancer	90	39	32 - 56	119	50	28 - 51
Cerebrovascular Accidents	45	13	14 - 36	75	20	14 - 34
Gastrointestinal Catastrophes	10	30	10 - 65	12	25	5 - 58
Infectious Disease	22	50	15 - 57	21	43	13 - 56
Metabolic/Electrolyte Disorders	17	35	9 - 56	28	36	4 - 46
Pulmonary Disease	57	18	14 - 36	71	28	9 - 33
Renal Failure	29	41	6 - 59	27	26	5 - 59
Severe Acute Heart Disease	78	35	25 - 48	97	43	24 - 46
Severe Chronic Heart Disease	101	23	14 - 32	121	17	13 - 29
Severe Trauma	1	0	0 - 98	3	0	3 - 80
Gastrointestinal Disease	89	7	0 - 18	102	4	0 - 13
Gynecologic Disease	11	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	702	5	2 - 6	796	6	1 - 5
Musculoskeletal/Skin Conditions	140	4	1 - 10	142	1	0 - 9
Neuropsychiatric/Sensory Disease	105	6	0 - 27	98	1	0 - 25
Urologic Disease	74	4	0 - 28	85	0	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	545
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	565
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	71
Registered Nurses:	564
Licensed Practical Nurses:	55

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

NEWCOMB HOSP
66 S STATE ST
VINELAND, NJ 08360

Medicare Hospital Provider Number: 310087

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,402	15	10 - 15	1,430	15	11 - 16
Cancer	45	47	30 - 61	60	58	33 - 61
Cerebrovascular Accidents	71	27	14 - 36	65	32	14 - 38
Gastrointestinal Catastrophes	11	45	9 - 65	8	63	9 - 71
Infectious Disease	30	37	13 - 50	20	45	14 - 58
Metabolic/Electrolyte Disorders	28	32	7 - 46	28	25	12 - 48
Pulmonary Disease	62	35	17 - 42	60	28	14 - 39
Renal Failure	6	33	12 - 83	8	50	20 - 88
Severe Acute Heart Disease	76	45	26 - 50	82	57	30 - 53
Severe Chronic Heart Disease	74	19	13 - 32	82	23	13 - 33
Severe Trauma	5	0	6 - 65	4	0	6 - 72
Gastrointestinal Disease	100	2	1 - 10	114	2	1 - 9
Gynecologic Disease	7	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	201	3	1 - 8	204	1	2 - 6
Musculoskeletal/Skin Conditions	122	3	0 - 11	125	2	1 - 9
Neuropsychiatric/Sensory Disease	27	0	0 - 37	38	5	0 - 54
Urologic Disease	53	6	0 - 65	46	0	1 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	243
Occupancy Rate (%):	60
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	147
Licensed Practical Nurses:	76

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEWCOMB MEDICAL CENTER
65 SOUTH STATE STREET
VINELAND, NEW JERSEY 08360
(609) 691-9000

Medicare I.D. #310087

October 20, 1988

Health Standards & Quality Bureau
HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to respond to HCFA's selected 1987 Medicare mortality information about Newcomb Medical Center.

Since receiving the report, several people (physicians, nurses, administrators, etc.) at Newcomb have had an opportunity to review this information. We believe that you and any member of the public who requests a copy of our statistical information will be interested in our comments and the following findings from our review:

1. The thirty (30) day comment period is a very limited amount of time for a hospital to determine if the data used by HCFA is accurate, as well as to identify any unusual patterns in the data. We recommend that a sixty (60) day comment/review period be given to hospitals for reviewing the data in the future.

2. With regards to accuracy of the data, we found 19 cases had incorrect information in either admission/discharge date, date of death, or medical record number. More importantly, we could not verify 4 people who were listed after being at Newcomb. The medical record numbers you list for these patients are not consistent with our numbers. Therefore, after our investigation, we believe that these patients were not admitted and/or treated at Newcomb Medical Center.

3. Concerning hospital characteristics for 1987, we would like the following information corrected as follows:

    a. Newcomb has 235 beds, which includes 188 medical/surgical and ICU/CCU beds.

    b. Overall occupancy rate was 59 percent.

    c. Newcomb has a specialty service in coronary care unit.

    d. Our current staffing is .82 RNs per bed, and .37 LPNs per bed. Our medical staff includes 103 physicians, 80 percent of whom are board certified.

October 20, 1988
Mrs. Sandra Kappert
Page Two:

4. We strongly recommend to HCFA that only the 1987 data be released to the public and not a presentation of both 1986 and 1987 data. There are several reasons for our concern. First, the public and news media will have difficulty in understanding the changes which were made in the methodology from 1986 to 1987. These changes were the addition of new diagnostic categories, and more importantly for Newcomb's situation, a change in the case count for all causes and for the selected diagnostic categories. The changes in the case counts were not adequately explained in your literature, even when we consulted with your HCFA New Jersey analyst!

   Moreover, the presentation of 1986 and 1987 data will encourage people to make quantitative statements in the quality of care provided. If a hospital experienced a "positional" change in its mortality rate for a particular diagnostic category compared to the predicted range (i.e. 1986 rate was outside the predicted range and 1987 rate was within the predicted range, or vice versa), we believe the public will conclude that the hospital's care is getting better or worse. As noted last year, **differences between actual and predicted mortality rates are not an indication of quality of care differences.** For this reason, we recommend the release of 1987 data only.

Again, thank you for the opportunity to present our response. Despite the model's limitations and problems, the information is useful and is being used as a component of Newcomb's ongoing quality assurance and review activities.

If you or anyone receiving this letter have additional questions, please do not hesitate to call me at (609) 691-9000, extension 6201.

Sincerely,

Alan R. Green
President and Chief Executive Officer

ARG/jok
c: HCFA File - 1987 Results

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

NEWTON MEMORIAL HOSPITAL

175 HIGH ST
NEWTON, NJ 07860

Medicare Hospital Provider Number: 310028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,343	12	9 - 14	1,352	14	9 - 15
Cancer	37	43	25 - 59	45	40	23 - 54
Cerebrovascular Accidents	65	25	17 - 40	55	33	15 - 41
Gastrointestinal Catastrophes	11	27	9 - 62	8	50	9 - 72
Infectious Disease	15	13	15 - 55	20	35	16 - 58
Metabolic/Electrolyte Disorders	16	25	7 - 53	21	19	7 - 46
Pulmonary Disease	55	22	12 - 37	70	29	13 - 36
Renal Failure	4	25	10 - 86	3	33	5 - 88
Severe Acute Heart Disease	54	44	25 - 53	57	46	27 - 54
Severe Chronic Heart Disease	50	28	12 - 38	56	36	13 - 39
Severe Trauma	3	67	5 - 87	1	0	0 - 97
Gastrointestinal Disease	126	5	1 - 11	119	2	1 - 8
Gynecologic Disease	13	0	0 -100	9	11	0 -100
Low-Risk Heart Disease	150	4	1 - 9	108	6	1 - 13
Musculoskeletal/Skin Conditions	112	4	1 - 12	112	0	1 - 6
Neuropsychiatric/Sensory Disease	65	5	0 - 19	83	1	0 - 11
Urologic Disease	41	0	0 - 22	51	2	0 - 38

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	168
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	95
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	134
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Medicare Provider #310028

Newton Memorial Hospital
175 High Street, Newton, New Jersey 07860 383-2121

October 12, 1988

Ms. Sandra Kappert
Health Care Financial Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

We are in receipt of your Medicare Hospital Mortality Information (1987) and wish to clarify several items.

First, our Hospital has a 109 Medical/Surgical bed complement and not 98 as documented on your report. Secondly, we operate a combined Intensive/Coronary Care Unit which should be construed as a specialty service despite the fact that it isn't a discrete coronary care unit. Hospice care is available to our patients by means of the Karen Ann Quinlan Center of Hope located in our Hospital building but corporately separate from the Hospital.

Further, we have reviewed the mortality data presented and wish to point out that many low risk category admissions on review revealed that the resultant death was due to causes other than admitting diagnosis and hence created a data artifact, e.g., ICD 9:3079 "severe agitation" - on review it was noted that the patient died of advanced endometrial cancer; ICD 9:29620 "severe depression" - on review the cause of death was metastatic prostatic cancer.

Finally, I am enclosing a copy of a letter recently distributed by the New Jersey Office of the Ombudsman for the Institutionalized Elderly which could markedly impact hospital Medicare mortality rates as a result of nursing home defensive reaction against litigation and allegations of "abuse."

Sincerely,

Wendel J. Schmitt
President

WJS:qjc

Encl. (1)

OUR LADY OF LOURDES HOSPITAL

1600 HADDON AVENUE
CAMDEN, NJ 08103

Medicare Hospital Provider Number: 310029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,259	12	9 - 13	2,452	13	10 - 14
Cancer	75	52	27 - 53	77	40	29 - 55
Cerebrovascular Accidents	77	26	16 - 37	87	26	19 - 39
Gastrointestinal Catastrophes	24	29	17 - 56	25	68	17 - 57
Infectious Disease	20	45	17 - 60	29	59	23 - 61
Metabolic/Electrolyte Disorders	28	21	6 - 43	32	28	8 - 44
Pulmonary Disease	70	31	17 - 41	88	36	16 - 38
Renal Failure	32	19	6 - 55	45	20	9 - 57
Severe Acute Heart Disease	92	41	24 - 47	108	31	27 - 47
Severe Chronic Heart Disease	97	22	13 - 31	127	26	15 - 32
Severe Trauma	1	0	0 - 99	2	50	2 - 92
Gastrointestinal Disease	146	5	1 - 10	140	4	1 - 10
Gynecologic Disease	7	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	508	7	2 - 7	507	5	2 - 7
Musculoskeletal/Skin Conditions	122	4	0 - 14	135	4	0 - 13
Neuropsychiatric/Sensory Disease	100	5	0 - 20	102	4	0 - 14
Urologic Disease	78	1	0 - 17	100	1	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	398
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	263
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	14
Registered Nurses:	360
Licensed Practical Nurses:	86

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

MEDICARE PROVIDER NO. 31-00-29

Our Lady of Lourdes Medical Center
1600 Haddon Avenue • Camden, New Jersey 08103
(609) 757-3500

Southern New Jersey
Cardiac Diagnostic
and Surgical Center

Regional Dialysis and
Transplantation Center

Regional Perinatal Center

Regional Rehabilitation Center

October 12, 1988

William L. Roper, M. D.
Administrator
Health Care Financing Administration
Dept. of Health & Human Services
Washington, DC 20201

Dear Dr. Roper:

RE: Comments on the HCFA Mortality Data
Our Lady of Lourdes Medical Center, Camden, NJ

Our Lady of Lourdes Medical Center commends HCFA's latest, updated efforts to give providers and consumers insight into the quality of medical care provided by America's health care institutions.

We are pleased that the actual mortality rates for our patients included in this analysis falls well within the range of predicted mortality rates, according to HCFA's own analysis. What makes our statistics even more impressive, however, is the fact that Our Lady of Lourdes Medical Center serves as a regional referral center for patients requiring complex cardiac diagnostic and surgical services, for patients with serious renal diseases and complications, and for patients requiring physical rehabilitation from strokes and brain injuries. As HCFA acknowledges, despite the refinements made in the definition of diagnostic categories and in the counting of prior hospital admissions, the statistical model used for this analysis does not take into account severity of illness.

Although our results fall within the national predicted standards, we must point out the shortcomings of the HCFA statistical model. Our three major criticisms are as follows:

1. Consideration of the severity of illness of each patient is not adequately addressed in this analysis; this is a major shortcoming when one attempts to interpret results. Lourdes treats many critically ill patients; many are referred to us by other hospitals because of the clinical expertise of our tertiary services. Thus, HCFA's assumption that patients admitted to all hospitals are similar except with respect to the specific characteristics included in the model is not valid - particularly in our tertiary services, critically ill patients will have a higher risk of dying than is accounted for by the characteristics included in the HCFA model. Again, despite the fact that we are treating such critically ill patients, Lourdes falls within the range of predicted mortality rates across all services measured by HCFA.

2. Another shortcoming of the HCFA analysis is that it does not take into account the socio-economic stratification of a hospital's patient base. Because of our urban location and our Franciscan mission to provide health care for all who seek our aid, regardless of ability to pay, we treat many people who have not had their health care needs addressed as compared with those in higher socio-economic groups. It is well documented that the poor tend not to seek preventive care as much as general population; this results in poor health care maintenance for the individual. Often, they will not seek inpatient care until the severity of their illness or affliction is overwhelming. In the future, we feel that the socio-economic status of a hospital's service area should be factored into HCFA's statistical model in order to give a more accurate and representative picture of a hospital's actual patient care experience.

3. A third shortcoming of HCFA's analysis is that it includes patients who died within thirty days of admission to the hospital. It is our contention that the hospital has no control or influence over a patient once he or she is discharged from the hospital. Any deaths that might have occurred after discharge from the hospital can be attributed to any one of a number of factors, all outside of the direct control of the hospital. We understand HCFA's attempt to refine its model by including this measure in the analysis, but we strongly contend that inclusion of patients who have died post-hospitalization gives neither providers nor consumers any basis on which to further measure quality of care provided on an inpatient level.

The ongoing measurement and monitoring of quality of medical care provided at Our Lady of Lourdes Medical Center remains a top priority. We will continue our efforts to provide the highest medical care possible to all patients who seek our assistance.

Our Lady of Lourdes Medical Center looks forward to continuing to work with HCFA to provide requested information and to help refine the model used to attempt to measure the quality of care provided in American hospitals. We thank HCFA for the opportunity to respond to this most recent analysis.

Sincerely,

Sr M Elizabeth

Sr. M. Elizabeth Corry, O.S.F.
President and Chief Executive Officer

John P. Capelli, MD

John P. Capelli, M. D.
Vice President, Medical Affairs

rf

OVERLOOK HOSP

193 MORRIS AVE
SUMMIT, NJ 07901

Medicare Hospital Provider Number: 310051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,372	10	11 - 14	4,337	10	11 - 15
Cancer	201	30	33 - 52	244	32	34 - 52
Cerebrovascular Accidents	173	17	20 - 34	205	20	20 - 34
Gastrointestinal Catastrophes	32	25	17 - 52	42	29	18 - 50
Infectious Disease	63	29	21 - 48	61	26	26 - 53
Metabolic/Electrolyte Disorders	60	15	13 - 39	58	24	11 - 39
Pulmonary Disease	178	24	19 - 35	166	22	20 - 37
Renal Failure	24	21	13 - 63	17	41	17 - 74
Severe Acute Heart Disease	192	35	32 - 48	177	31	32 - 49
Severe Chronic Heart Disease	200	25	19 - 32	204	20	18 - 31
Severe Trauma	11	36	8 - 64	6	17	6 - 70
Gastrointestinal Disease	329	3	2 - 7	277	4	1 - 7
Gynecologic Disease	34	0	0 -100	36	0	0 -100
Low-Risk Heart Disease	513	3	2 - 6	468	3	2 - 6
Musculoskeletal/Skin Conditions	390	2	1 - 5	394	1	1 - 4
Neuropsychiatric/Sensory Disease	191	2	1 - 7	203	1	1 - 6
Urologic Disease	260	2	0 - 7	253	0	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	450
Occupancy Rate (%):	94
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	371
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	90
Registered Nurses:	575
Licensed Practical Nurses:	99

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PALISADES GENERAL HOSP ASSOCIATION

7600 RIVER RD
NORTH BERGEN, NJ 07047

Medicare Hospital Provider Number: 310003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,426	12	10 - 15	1,493	12	10 - 15
Cancer	46	46	29 - 60	35	43	29 - 64
Cerebrovascular Accidents	73	29	18 - 40	63	29	17 - 41
Gastrointestinal Catastrophes	15	40	12 - 61	15	20	17 - 60
Infectious Disease	12	33	11 - 63	28	29	20 - 57
Metabolic/Electrolyte Disorders	18	28	9 - 53	22	36	9 - 52
Pulmonary Disease	72	25	16 - 38	92	21	14 - 34
Renal Failure	4	25	11 - 87	4	75	15 - 92
Severe Acute Heart Disease	49	45	24 - 52	60	35	24 - 50
Severe Chronic Heart Disease	96	19	14 - 32	105	28	15 - 34
Severe Trauma	3	33	3 - 86	0	-	-
Gastrointestinal Disease	123	2	1 - 8	120	2	1 - 9
Gynecologic Disease	11	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	192	1	2 - 6	214	3	1 - 7
Musculoskeletal/Skin Conditions	122	2	1 - 9	112	3	1 - 10
Neuropsychiatric/Sensory Disease	41	7	1 - 28	37	3	0 - 27
Urologic Disease	59	2	0 - 22	65	3	0 - 28

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	202
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	248
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	131
Licensed Practical Nurses:	48

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PASCACK VALLEY HOSPITAL

OLD HOOK ROAD
WESTWOOD, NJ 07675

Medicare Hospital Provider Number: 310037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,242	12	10 - 15	2,327	12	11 - 16
Cancer	67	30	26 - 52	111	40	31 - 53
Cerebrovascular Accidents	119	20	19 - 35	104	21	19 - 37
Gastrointestinal Catastrophes	29	38	18 - 56	21	19	16 - 54
Infectious Disease	23	39	18 - 59	25	40	17 - 57
Metabolic/Electrolyte Disorders	35	17	10 - 41	52	37	13 - 44
Pulmonary Disease	101	22	17 - 36	101	33	18 - 39
Renal Failure	5	40	9 - 84	5	40	10 - 85
Severe Acute Heart Disease	111	43	30 - 51	113	39	32 - 53
Severe Chronic Heart Disease	121	22	16 - 32	102	22	17 - 35
Severe Trauma	5	20	4 - 75	5	60	11 - 82
Gastrointestinal Disease	202	3	1 - 8	179	2	2 - 8
Gynecologic Disease	14	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	259	2	2 - 7	274	4	2 - 7
Musculoskeletal/Skin Conditions	238	3	1 - 7	254	2	1 - 6
Neuropsychiatric/Sensory Disease	45	4	0 - 44	37	0	0 - 20
Urologic Disease	73	4	0 - 24	83	1	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 291
Occupancy Rate (%): 70
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 216
Percent of Physicians Who Are Board Certified Specialists: 71
Interns and Residents: 0
Registered Nurses: 267
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Medicare Provider #310037

PASCACK VALLEY HOSPITAL

OLD HOOK ROAD, WESTWOOD, N.J. 07675
(201) 358-3000

WILLIAM J. WOODS
Chairman, Board of Directors

LOUIS R. YCRE, Jr.
President

October 20, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for providing us the mortality information on Medicare beneficiaries treated in our hospital (Pascack Valley Hospital, Westwood, New Jersey, Hospital provider number 310037) in 1987.

We have reviewed the data and we are also pleased to know that our actual mortality rate is low. The Board of Directors, the administrative staff and medical staff are all committed to provide quality health care at a reasonable cost, not only to Medicare beneficiaries, but to our community in general.

The mortality rate HCFA has provided will be reviewed by our hospital Quality Assurance Committee. Peer review and mortality and morbidity review of individual patient care cases, have always been part of every medical staff members' responsibility and any indication of a potential quality problem is promptly investigated and corrected when appropriate.

In verifying the information you sent us, we found some discrepancies:

Hospital Characteristics -

HCFA	The Corrected Data
1. 196 beds	291 beds
2. 77% Occupancy rate	70.54% Occupancy rate
3. 199 physicians	374 physicians
4. 59% of physicians who are Board Certified Specialists	68% of physicians are Board Certified Specialists
5. .90 Registered Nurses per bed	.90 Registered Nurses per bed
6. .08 Licensed Practical Nurses per bed	.07 Licensed Practical Nurses per bed
7. No Coronary Care Unit	18 beds total - Coronary Care Unit and Intensive Care Unit

Regarding the patient identifier list, we have also noted several discrepancies. (Please refer to attachment.) One patient was alive at the time of discharge contrary to HCFA mortality data. Two patients expired at Pascack Valley Hospital on dates different from that listed, and an admission date on one case was incorrect. Nine patient identification numbers as reported were incorrect representing either a transposition of numbers or other numerical sequencing errors. These discrepancies, with the corrected data are detailed on the attached sheet.

In our review, it is also of interest to note that of 260 expirations, 34 occurred outside of the hospital. Eight of these patients expired in the Nursing Homes in which they resided. The majority of those who expired outside of the hospital, because of the terminal nature of their illness, requested to be discharged home with adequate home health care support.

Review of the medical records of the patients who died in the hospital also reveal that 67% had a "Do Not Resuscitate" order.

The mean age at death for all diagnostic categories is 81.73 years, with a range of 38 to a high of 101. The diagnostic category showing the highest mean age at death was under the heading of Metabolic and Electrolyte Disturbances, which revealed 86.67.

Our hospital takes pride in its on-going quality assurance activities to assure that our care meets the standards of quality. Activity such as mortality review is representative of but one of these efforts. While our statistics are good, we do not believe it is necessarily the only measure of quality and no statistical method has at the present time been validated as an indicator of quality.

Pascack Valley Hospital's administrative and medical staff will continue to make every effort to improve the quality of patient care and services we offer to our community.

Thank you for the opportunity to review and comment on the 1987 mortality information.

Sincerely,

Thomas A. Santoro
Associate Administrator

TAS:pd

Attachment

cc: Louis R. Ycre, Jr.
President

PASSAIC GEN HOSP

350 BOULEVARD
PASSAIC, NJ 07055

Medicare Hospital Provider Number: 310077

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,586	10	9 - 13	2,467	11	9 - 13
Cancer	89	28	27 - 51	77	35	29 - 54
Cerebrovascular Accidents	109	19	18 - 35	91	23	19 - 39
Gastrointestinal Catastrophes	25	28	13 - 52	18	50	15 - 62
Infectious Disease	17	47	13 - 60	17	47	14 - 61
Metabolic/Electrolyte Disorders	26	38	11 - 51	24	21	10 - 47
Pulmonary Disease	52	27	12 - 39	77	25	15 - 38
Renal Failure	3	0	13 - 88	6	83	19 - 86
Severe Acute Heart Disease	108	37	27 - 48	127	38	29 - 48
Severe Chronic Heart Disease	137	27	16 - 32	140	28	16 - 32
Severe Trauma	4	50	3 - 82	3	33	1 - 88
Gastrointestinal Disease	188	1	1 - 6	178	1	1 - 6
Gynecologic Disease	22	0	0 -100	34	0	0 -100
Low-Risk Heart Disease	628	5	2 - 6	561	4	2 - 6
Musculoskeletal/Skin Conditions	191	4	1 - 8	199	4	1 - 8
Neuropsychiatric/Sensory Disease	53	2	0 - 31	98	3	0 - 15
Urologic Disease	117	4	0 - 17	113	4	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 303
Occupancy Rate (%): 79
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 236
Percent of Physicians Who Are Board Certified Specialists: 69
Interns and Residents: 0
Registered Nurses: 264
Licensed Practical Nurses: 49

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

THE
GENERAL HOSPITAL CENTER AT PASSAIC
350 Boulevard • Passaic, New Jersey 07055 • (201) 365-4300

S.M. Terry LaCorte
Chairman
Board of Governors

Daniel L. Marcantuono
President and
Chief Executive Officer

Medicare Provider
#310077

October 19, 1988

Health Standards & Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

ATTENTION: Mrs. Sandra Kappert

Dear Mrs. Kappert,

Please correct the following inaccuracies in our Medicare Hospital Mortality Information:

The description of Hospital Characteristics, particularly Specialty Services is incorrect. The General Hospital Center at Passaic does not have a shock/trauma or burn unit. We do however have an 8 bed Coronary Care unit; an 8 bed Open Heart Recovery Unit and a 14 bed Intensive Care Unit.

Your attentiveness is appreciated.

Sincerely,

John T. Gribbin
Sr. Vice President for Operations

JTG

PAUL KIMBALL HOSP

600 RIVER AVE
LAKEWOOD, NJ 08701

Medicare Hospital Provider Number: 310084

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,556	17	12 - 16	3,447	18	12 - 17
Cancer	102	46	28 - 52	129	51	32 - 54
Cerebrovascular Accidents	143	30	19 - 36	141	29	21 - 38
Gastrointestinal Catastrophes	17	24	19 - 62	23	35	21 - 62
Infectious Disease	115	41	26 - 49	126	40	27 - 51
Metabolic/Electrolyte Disorders	132	40	16 - 41	91	42	18 - 44
Pulmonary Disease	184	39	24 - 41	183	37	23 - 40
Renal Failure	6	50	14 - 86	12	83	26 - 83
Severe Acute Heart Disease	128	48	30 - 50	118	46	32 - 52
Severe Chronic Heart Disease	203	33	20 - 34	208	36	20 - 34
Severe Trauma	3	100	5 - 80	4	50	7 - 84
Gastrointestinal Disease	241	6	2 - 9	208	4	2 - 8
Gynecologic Disease	28	0	0 -100	22	5	0 -100
Low-Risk Heart Disease	418	6	2 - 7	388	3	3 - 7
Musculoskeletal/Skin Conditions	293	2	1 - 6	290	4	1 - 7
Neuropsychiatric/Sensory Disease	264	3	1 - 7	274	3	1 - 7
Urologic Disease	149	2	0 - 9	117	0	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	322
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	68
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	133
Licensed Practical Nurses:	107

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Kimball
MEDICAL CENTER
600 River Avenue • Lakewood, N.J. 08701-5281
(201) 363-1900

October 18, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider Number 310084

Dear Mrs. Kappert:

Review of the Medicare Hospital Mortality Information for 1987 reveals that the Kimball Medical Center actual mortality rate fell within the predicted range for all specific diagnostic categories except one which is designated as Severe Trauma. There were only three patients in this category, and after physician review, it was evident that these three patients had suffered injuries which resulted in an extremely poor prognosis. Each of these patients received timely care with appropriate speciality consultations. Upon review in all three cases, death was considered to be unavoidable.

Kimball Medical Center has for many years served an extremely large and expanding nursing home population. These patients tend to be more incapacitated than those of a similar age from the retirement communities and from the general communities who are eligible for Medicare and are served by this facility. The mortality rate seems to reflect the severity of illness in this subgroup of elderly nursing home patients.

The physicians of this Medical Center conduct monthly mortality reviews as part of the comprehensive institution wide Quality Assurance Program through which the care received by patients is extensively monitored. Our mortality case review has not revealed any pattern of substandard care, and has supported the conclusion that the treatment of patients in this Medical Center is at a high level of quality.

The Hospital Characteristics submitted with the current Medicare Hospital Mortality Information appears to contain errors. These include a lower percentage (57%) of board certified specialists among physicians who actively practice within this facility. The correct percentage in 1986 was 67%. This Medical Center does have a separate coronary care unit which was functioning in 1986. While there is not a specific Organ Transplant Service, Kimball Medical Center does participate in a regional network of organ donation services.

We thank you for the opportunity to review this information and make the enclosed comments. Please be assured of our dedication to the highest possible quality of health care.

Very truly yours,

James J. Fitzpatrick

James J. Fitzpatrick M.D.
Vice President of Medical Affairs

JJF:jls

RAHWAY MEMORIAL HOSP

865 STONE ST
RAHWAY, NJ 07065

Medicare Hospital Provider Number: 310024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,023	13	10 - 14	1,971	12	10 - 15
Cancer	81	44	26 - 52	55	40	29 - 58
Cerebrovascular Accidents	117	24	19 - 37	110	16	19 - 35
Gastrointestinal Catastrophes	15	27	14 - 60	20	40	16 - 60
Infectious Disease	21	33	15 - 57	22	64	20 - 62
Metabolic/Electrolyte Disorders	29	38	9 - 48	34	26	7 - 42
Pulmonary Disease	87	18	15 - 34	95	20	14 - 33
Renal Failure	13	46	18 - 77	11	55	16 - 79
Severe Acute Heart Disease	97	44	26 - 48	115	41	29 - 49
Severe Chronic Heart Disease	98	32	15 - 34	97	24	15 - 34
Severe Trauma	4	0	4 - 71	5	40	11 - 83
Gastrointestinal Disease	154	3	1 - 9	149	3	1 - 8
Gynecologic Disease	18	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	259	3	1 - 7	251	2	2 - 6
Musculoskeletal/Skin Conditions	168	3	1 - 8	180	4	1 - 9
Neuropsychiatric/Sensory Disease	55	0	0 - 13	48	0	0 - 14
Urologic Disease	128	2	0 - 12	109	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 221
Occupancy Rate (%): 92
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 289
Percent of Physicians Who Are Board Certified Specialists: 63
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

RARITAN BAY MEDICAL CENTER

530 NEW BRUNSWICK AVE
PERTH AMBOY, NJ 08861

Medicare Hospital Provider Number: 310039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,723	13	10 - 15	2,908	14	11 - 15
Cancer	114	42	32 - 54	115	36	33 - 55
Cerebrovascular Accidents	110	29	17 - 36	134	27	20 - 37
Gastrointestinal Catastrophes	31	45	16 - 54	33	24	18 - 52
Infectious Disease	39	59	22 - 55	28	50	22 - 61
Metabolic/Electrolyte Disorders	61	43	16 - 46	65	37	12 - 42
Pulmonary Disease	117	26	15 - 34	158	20	17 - 33
Renal Failure	22	45	18 - 72	11	27	13 - 73
Severe Acute Heart Disease	128	41	29 - 49	131	50	31 - 51
Severe Chronic Heart Disease	128	23	15 - 31	154	24	16 - 31
Severe Trauma	3	33	0 - 92	3	0	5 - 79
Gastrointestinal Disease	204	2	1 - 7	215	7	1 - 10
Gynecologic Disease	25	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	329	5	1 - 7	366	3	2 - 7
Musculoskeletal/Skin Conditions	223	1	1 - 5	240	6	1 - 9
Neuropsychiatric/Sensory Disease	143	1	0 - 10	156	3	0 - 11
Urologic Disease	139	1	0 - 8	129	2	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	479
Occupancy Rate (%):	78
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	352
Percent of Physicians Who Are Board Certified Specialists:	61
Interns and Residents:	27
Registered Nurses:	301
Licensed Practical Nurses:	126

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Raritan Bay Medical Center

530 New Brunswick Avenue, Perth Amboy, New Jersey 08861 • (201) 442-3700

PROVIDER # 310039

October 21, 1988

RESPONSE TO HCFA'S 1987 MEDICARE MORTALITY DATA RELEASE

Raritan Bay Medical Center welcomes the opportunity to respond to HCFA's current release of data on hospital mortality rates as they relate to Medicare patients.

While the Medical Center's mortality rates for Medicare patients once again fell within HCFA's range of predicted rates, a thorough analysis of hospital records was performed.

The data received from HCFA for our Medical Center did list one category, infectious disease, that fell out of the range for predicted mortality. An internal review was performed, resulting in a revision in the statistical data. The revision now places the percentage of mortality within the predicted range. The reasons are as follows: The Peer Review Organization of N.J., Inc., as mandated by HCFA and the State of New Jersey, performs chart review on Medicare discharges. During the review process, the D.R.G. and the primary diagnosis are confirmed. HCFA listed 23 deaths that constituted our mortality rate. Our review showed that PRO changed the primary diagnosis in 4 cases. Documentation of those changes is attached. The consequence is the reduction of the overall number of patients from 39 to 35, and the number of deaths from 23 to 19. We request that these changes in data be made before release to the public.

Our review of the issues has prompted the following comments: The relative confidence with which hospitals and the public should view the predicted mortality rates appears to be inflated due to the implication, in your statistical methods, that the predicted rates should be taken as an accepted standard. In other words, the model assumes that the predicted mortality rate is an estimate of what the hospital's mortality rate would be if its patients received average care. No provision is made for the possibility that the prediction itself may be incorrect. The only source of error which is recognized is chance. We suggest that it is precisely the reliability of the prediction, and not the deviation from the predicted range, that is the most beneficial to hospitals and consumers.

In assessing the reliability of the HCFA model, the primary concern is whether it has accounted for all the patient characteristics that can affect a hospital's death rate. The most critical of these is how sick a patient is. Severity of illness, general health, stage of illness, psychological factors, and family support are patient characteristics which are not accounted for in the HCFA model. It is not the variance from the prediction which suggests a measure of quality, but rather the degree to which deviations can be attributed to the quality of patient care.

RARITAN BAY MEDICAL CENTER

RESPONSE TO HCFA'S 1987 MEDICARE MORTALITY DATA RELEASE

In addition to the limitations of the HCFA model to produce reliable predictions of mortality, the validity of the model itself, i.e., the relationship between mortality and hospital performance, has, to our knowledge, never been documented. As an advocate of appropriate quality management, Raritan Bay Medical Center suggests HCFA undertake, through medical review, a study to verify and measure the relationship between their statistical results and hospital quality.

Raritan Bay Medical Center has two divisions, Perth Amboy Division and Old Bridge Division. We have transfer agreements with 13 nursing homes. If a patient becomes acutely ill, that patient is transferred to one of our divisions. To illustrate our point that not all characteristics are accounted for in the HCFA model, the following is worth noting: During our internal review of the infectious disease category, certain of these characteristics stood out. For instance over 50% of the patients were admitted from nursing homes. The average age was 82, the oldest 98. All the patients had chronic diseases, some of them terminal, that compromised their acute illness. 47% had requests from family members that "no heroic measures" be taken to prolong life. We in the healthcare profession know that the public recognizes that death is the last stage in the process of life. Community hospitals such as ours exist not only to treat the acutely ill, but to provide service and support to the patient and family during that last stage of life.

Raritan Bay Medical Center is recognized as a leader in aggressive quality management. We have, both prior to and subsequent to HCFA's data release, maintained an extensive quality review program which includes review of all mortalities, not only Medicare. Our program extends considerably further than elemental mortality review, including comprehensive review of the critical aspects of care which we provide, toward the goal of prevention of patient events which are not a natural consequence of the disease or treatment. In addition, the patient population which we service includes not only the critically and terminally ill, but a high ratio of indigent patients who have been shown to wait longer for care and are thus sicker upon admission. Medical Center programs such as our hospice, renal dialysis, cardiac rehabilitation and alcohol and chemical dependency treatment programs are designed to treat seriously ill patients.

We recognize our responsibility to the community and acknowledge our commitment to maintaining the highest standards of quality based on sound medical principles. However, given the limitations of the statistical model, and the fact that validation of the model has not occurred, our considered opinion is that HCFA's stated intent that the information be used by consumers in making decisions about their healthcare is both premature and potentially misleading.

RIVERVIEW HOSP

35 UNION ST
RED BANK, NJ 07701

Medicare Hospital Provider Number: 310034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,159	13	11 - 15	3,334	12	10 - 14
Cancer	206	51	33 - 52	203	46	32 - 52
Cerebrovascular Accidents	156	21	19 - 34	151	36	19 - 36
Gastrointestinal Catastrophes	35	40	18 - 54	37	41	22 - 57
Infectious Disease	33	42	20 - 56	23	52	16 - 58
Metabolic/Electrolyte Disorders	24	17	10 - 45	20	30	8 - 51
Pulmonary Disease	138	25	17 - 35	124	20	15 - 33
Renal Failure	12	67	22 - 81	8	63	15 - 82
Severe Acute Heart Disease	110	35	27 - 47	117	31	28 - 47
Severe Chronic Heart Disease	155	26	14 - 30	173	21	16 - 30
Severe Trauma	5	40	4 - 78	6	17	5 - 70
Gastrointestinal Disease	277	3	1 - 7	278	3	1 - 6
Gynecologic Disease	18	0	0 -100	23	0	0 -100
Low-Risk Heart Disease	389	4	2 - 6	371	1	2 - 5
Musculoskeletal/Skin Conditions	280	4	1 - 7	310	3	1 - 6
Neuropsychiatric/Sensory Disease	192	1	1 - 6	212	1	0 - 6
Urologic Disease	124	2	0 - 10	139	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	507
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	319
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	389
Licensed Practical Nurses:	67

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ROOSEVELT HOSP

PO BOX 151
METUCHEN, NJ 08840

Medicare Hospital Provider Number: 310121

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5	20	0 - 89	3	33	2 - 86
Cancer	1	0	0 - 98	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	1	0	0 -100	3	33	2 - 86
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	100	0 -100	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	28
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	32
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SALEM CO MEMORIAL HOSP

WOODSTOWN RD
SALEM, NJ 08079

Medicare Hospital Provider Number: 310091

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,370	14	10 - 15	1,288	16	10 - 15
Cancer	43	44	28 - 60	35	54	27 - 62
Cerebrovascular Accidents	78	28	16 - 37	54	30	16 - 41
Gastrointestinal Catastrophes	12	33	9 - 62	3	33	5 - 87
Infectious Disease	24	21	19 - 54	15	27	12 - 58
Metabolic/Electrolyte Disorders	28	29	10 - 48	30	33	8 - 46
Pulmonary Disease	69	35	14 - 39	66	21	11 - 34
Renal Failure	1	0	0 - 98	4	75	12 - 88
Severe Acute Heart Disease	65	43	29 - 54	72	50	29 - 54
Severe Chronic Heart Disease	95	28	15 - 34	76	30	13 - 35
Severe Trauma	3	0	4 - 79	1	100	0 - 98
Gastrointestinal Disease	115	4	1 - 11	108	2	0 - 10
Gynecologic Disease	10	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	170	3	1 - 8	139	2	1 - 8
Musculoskeletal/Skin Conditions	119	2	1 - 8	133	6	0 - 14
Neuropsychiatric/Sensory Disease	32	6	0 - 89	31	0	0 - 36
Urologic Disease	56	0	0 - 14	39	0	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	152
Occupancy Rate (%):	70
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	81
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	106
Licensed Practical Nurses:	58

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SHORE MEMORIAL HOSP

NEW YORK SUNNY AVES
SOMERS POINT, NJ 08244

Medicare Hospital Provider Number: 310047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,794	13	10 - 14	2,726	12	11 - 15
Cancer	93	48	29 - 53	76	39	29 - 55
Cerebrovascular Accidents	124	24	18 - 35	125	25	19 - 37
Gastrointestinal Catastrophes	28	18	19 - 53	27	26	21 - 58
Infectious Disease	36	47	22 - 57	43	26	19 - 50
Metabolic/Electrolyte Disorders	38	16	9 - 39	56	48	16 - 46
Pulmonary Disease	85	24	14 - 35	104	30	16 - 37
Renal Failure	16	25	7 - 63	3	33	4 - 88
Severe Acute Heart Disease	113	35	28 - 49	134	28	29 - 47
Severe Chronic Heart Disease	142	28	15 - 32	143	23	17 - 33
Severe Trauma	8	13	9 - 63	11	36	5 - 63
Gastrointestinal Disease	215	3	2 - 7	219	4	2 - 8
Gynecologic Disease	12	0	0 -100	17	6	0 -100
Low-Risk Heart Disease	343	3	2 - 6	326	3	2 - 6
Musculoskeletal/Skin Conditions	236	4	1 - 8	211	1	1 - 6
Neuropsychiatric/Sensory Disease	88	0	1 - 7	95	3	0 - 13
Urologic Disease	140	1	0 - 8	116	2	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 285
Occupancy Rate (%): 82
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 175
Percent of Physicians Who Are Board Certified Specialists: 69
Interns and Residents: 0
Registered Nurses: 213
Licensed Practical Nurses: 85

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

SOMERSET HOSP-THE

REHILL AVE
SOMERVILLE, NJ 08876

Medicare Hospital Provider Number: 310048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,511	13	10 - 14	2,589	13	11 - 15
Cancer	113	48	33 - 56	114	43	30 - 53
Cerebrovascular Accidents	98	32	18 - 38	137	32	20 - 38
Gastrointestinal Catastrophes	20	60	18 - 62	24	29	17 - 56
Infectious Disease	33	39	21 - 56	29	38	21 - 59
Metabolic/Electrolyte Disorders	39	13	13 - 41	28	29	8 - 46
Pulmonary Disease	101	28	17 - 37	110	28	18 - 37
Renal Failure	7	71	18 - 85	8	38	16 - 82
Severe Acute Heart Disease	106	40	30 - 51	112	40	31 - 51
Severe Chronic Heart Disease	136	24	16 - 32	145	31	17 - 34
Severe Trauma	9	44	10 - 70	2	50	1 - 93
Gastrointestinal Disease	186	1	1 - 6	194	6	1 - 10
Gynecologic Disease	23	0	0 -100	27	0	0 -100
Low-Risk Heart Disease	312	1	2 - 5	289	3	2 - 6
Musculoskeletal/Skin Conditions	246	1	1 - 5	278	3	1 - 6
Neuropsychiatric/Sensory Disease	123	2	1 - 9	155	2	0 - 10
Urologic Disease	88	1	0 - 12	88	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	377
Occupancy Rate (%):	64
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	271
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	21
Registered Nurses:	244
Licensed Practical Nurses:	74

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Hospital ID: 310048

SOMERSET
MEDICAL CENTER

110 REHILL AVENUE • SOMERVILLE, NJ 08876-2598 • (201) 685-2805

William J. Monagle, F.A.C.H.E.
President

October 24, 1988

William L. Roper, M.D., Administrator
Health Care Financing Administration
Health Standards & Quality Bureau
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

We have received HCFA's mortality statistics relating to Somerset Medical Center's experience with Medicare patients in 1987 and respectfully submit the following response for the public record.

As a general observation, we are concerned about inaccuracies reported under "Hospital Characteristics." The information was incorrect in three of nine categories: number of beds (374, not 261), percentage of physicians who are board certified (85%, not 65%) and whether we offer a hospice program; we do.

As a result of these inaccuracies, we view the credibility of the rest of the data with understandable skepticism and concern. Perhaps these errors will be corrected when the report is published in December, when you will be using 1987 data. Unfortunately, we apparently will not have an opportunity to review the new information before publication and will be unable to provide accurate information if necessary.

Additionally, while we recognize HCFA's sincere efforts to refine this year's analysis model, we still question the underlying premise that mortality rates are valid as an indicator of quality of care. We appreciate HCFA's assurance that in the public release of information, "HCFA will stress that the information by itself is not a complete measure of the quality of care at an individual hospital....(that) until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgments about the quality of care in an individual hospital or to make comparisons among hospitals." We can only trust that HCFA presents mortality information in an accurate and responsible manner and in proper context, stressing such factors as genetic qualifiers, severity index, age of the population and quality of post-hospitalization care.

Regarding specifics within the data, HCFA's report identified 2,511 Medicare patients at Somerset Medical Center, with 333 (13%) deaths; of these, 48 patients died after leaving the hospital.

Somerset Medical Center fell within the "range of predicted mortality" in all categories. Nevertheless, our Quality Assurance Department reviewed every case in two categories, "Gastrointestinal Catastrophes" and "Renal Failure." The Quality Assurance Department monitors all aspects of patient care on a continuing basis and utilizes mortality data as part of this ongoing process; this additional review was undertaken as another opportunity to assess the quality of care we provide.

HCFA cited 20 cases of "Gastrointestinal Catastrophes," with 12 deaths. The average age of these patients was 78.8 years. A detailed review yielded no quality of care concerns or issues. Also relevant are certain factors in six of the 12 cases reviewed:

1. In one case, GI catastrophe was secondary to metastatic disease as the cause of death.
2. In two cases, the family refused definitive surgery.
3. In two cases, the family refused any extraordinary means of sustaining life.
4. One patient was transferred to Somerset Medical Center from another hospital on a respirator and was critically ill upon admission.

Under "Renal Failure," seven cases were identified, with five deaths. The average age of these patients was 77.4 years. A detailed review yielded no quality of care concerns or issues. Also relevant are certain factors in four of the seven cases reviewed:

1. One renal failure was secondary to cardiac failure.
2. One renal failure was secondary to metastatic liver failure.
3. In one case, the patient refused surgery.
4. One death occurred within 24 hours of admission; the patient had been barely viable upon admission.

In conclusion, Somerset Medical Center recognizes the very real public need for health care information that HCFA is attempting to address through the mortality data model. However, we stress once again that mortality data alone does not provide valid information for judging overall hospital performance. Without a severity of illness adjustment, among other considerations, mortality rates simply cannot be used to grade hospital care. We urge you to strongly make this point to the public upon disclosure of the data.

Very truly yours,

William J. Monagle
President

SOUTH AMBOY MEMORIAL HOSP

540 BORDENTOWN AVE
SOUTH AMBOY, NJ 08879

Medicare Hospital Provider Number: 310036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	917	14	9 - 15	976	10	8 - 13
Cancer	31	55	29 - 65	23	30	26 - 64
Cerebrovascular Accidents	34	32	10 - 43	37	19	15 - 41
Gastrointestinal Catastrophes	7	43	15 - 79	7	14	14 - 71
Infectious Disease	11	27	15 - 66	18	44	15 - 61
Metabolic/Electrolyte Disorders	15	27	7 - 55	19	32	4 - 51
Pulmonary Disease	46	22	16 - 42	37	11	14 - 38
Renal Failure	2	50	1 - 93	1	0	3 - 98
Severe Acute Heart Disease	44	43	21 - 51	45	44	22 - 52
Severe Chronic Heart Disease	47	21	10 - 35	48	19	11 - 35
Severe Trauma	1	100	3 - 98	1	0	1 - 97
Gastrointestinal Disease	63	5	1 - 17	69	0	1 - 8
Gynecologic Disease	6	0	0 -100	6	17	0 -100
Low-Risk Heart Disease	122	7	1 - 13	135	1	1 - 7
Musculoskeletal/Skin Conditions	68	3	1 - 13	87	3	0 - 21
Neuropsychiatric/Sensory Disease	94	1	0 - 13	100	2	0 - 14
Urologic Disease	25	4	0 - 99	27	0	0 - 61

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	144
Occupancy Rate (%):	79
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	65
Percent of Physicians Who Are Board Certified Specialists:	48
Interns and Residents:	0
Registered Nurses:	87
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SOUTH BERGEN HOSP

214 TERRACE AVE
HASBROUCK HEIGHTS, NJ 07604

Medicare Hospital Provider Number: 310059

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	25	8	1 - 34	58	0	2 - 10
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	0	-	-
Pulmonary Disease	2	0	1 - 90	1	0	1 - 97
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	100	0 - 98	1	0	3 - 98
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	6	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 -100	28	0	0 - 68
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	40
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	26
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SOUTHERN OCEAN CO HOSP

1140 W BAY AVE
MANAHAWKIN, NJ 08050

Medicare Hospital Provider Number: 310113

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,457	14	11 - 16	1,579	16	11 - 16
Cancer	46	28	27 - 56	38	24	26 - 57
Cerebrovascular Accidents	77	19	17 - 36	87	30	18 - 39
Gastrointestinal Catastrophes	9	44	10 - 69	13	38	16 - 67
Infectious Disease	22	50	16 - 58	24	46	20 - 61
Metabolic/Electrolyte Disorders	36	28	12 - 46	41	44	14 - 48
Pulmonary Disease	79	34	15 - 38	97	28	16 - 37
Renal Failure	2	50	3 - 93	5	60	12 - 86
Severe Acute Heart Disease	110	34	27 - 47	92	41	29 - 51
Severe Chronic Heart Disease	72	18	12 - 32	97	29	15 - 34
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	132	2	1 - 8	116	5	1 - 12
Gynecologic Disease	5	0	0 -100	8	13	0 -100
Low-Risk Heart Disease	161	1	2 - 6	187	3	1 - 8
Musculoskeletal/Skin Conditions	116	5	0 - 14	142	4	0 - 12
Neuropsychiatric/Sensory Disease	22	0	0 - 73	32	0	0 - 21
Urologic Disease	53	0	0 - 35	63	3	0 - 38

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	100
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

HOSPITAL ID#: 310113

SOUTHERN OCEAN COUNTY HOSPITAL

1140 WEST BAY AVENUE, MANAHAWKIN, NEW JERSEY 08050 - 609-597-6011

October 17, 1988

William Roper, M.D., Administrator
Department of Health and Human Services
Healthcare Financing Administration
6325 Security Blvd.
Baltimore, Md. 21207

Dear Dr. Roper,

Southern Ocean County Hospital, as part of its hospitalwide Quality Assurance Program, utilizes case review of mortality and other diagnostic information in the peer review process. Information such as was provided by Healthcare Financing Administration's Medicare Hospital Mortality Information can be useful to hospitals in their analysis of patient care activities and outcomes.

Statistics such as those presented in this report, when combined with other quality indicators such as infection rates, complication rates and other non-mortality outcomes, serve as tools in the evaluation process. However, it must be noted that this information cannot be utilized as the sole indicator of quality in a given institution.

Statistical information included in the report under the "Hospital Characteristics" heading is incorrect according to our records as follows:

HCFA Statistics 1986		Southern Ocean County Hospital Statistics	
		1986	1987
Total # physicians	58	137	128
% Board Certified Physicians	52%	69%	73%

Southern Ocean County Hospital continually strives to provide the best in quality health care. Toward this goal, we will continue to evaluate this information and incorporate it into our ongoing hospitalwide Quality Assurance Program.

Sincerely,

David P. Laskowski,
Administrator

DPL/kh

ST BARNABAS MEDICAL CENTER

OLD SHORT HILLS RD
LIVINGSTON, NJ 07039

Medicare Hospital Provider Number: 310076

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,169	11	11 - 15	4,314	12	11 - 15
Cancer	220	32	36 - 54	227	43	34 - 53
Cerebrovascular Accidents	142	27	19 - 35	125	28	20 - 38
Gastrointestinal Catastrophes	48	31	25 - 56	46	30	22 - 54
Infectious Disease	51	45	25 - 56	53	25	22 - 51
Metabolic/Electrolyte Disorders	42	38	22 - 55	48	33	14 - 45
Pulmonary Disease	113	27	19 - 38	132	24	19 - 37
Renal Failure	47	19	7 - 54	54	19	7 - 55
Severe Acute Heart Disease	137	38	30 - 49	138	43	32 - 51
Severe Chronic Heart Disease	237	24	18 - 31	192	27	19 - 34
Severe Trauma	26	38	14 - 55	29	38	14 - 54
Gastrointestinal Disease	302	3	2 - 7	344	3	2 - 6
Gynecologic Disease	64	0	0 - 95	57	0	0 - 22
Low-Risk Heart Disease	495	3	2 - 6	527	4	2 - 6
Musculoskeletal/Skin Conditions	356	1	2 - 5	356	3	1 - 6
Neuropsychiatric/Sensory Disease	212	1	1 - 6	259	1	1 - 5
Urologic Disease	210	1	0 - 6	206	3	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 705
Occupancy Rate (%): 67
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 621
Percent of Physicians Who Are Board Certified Specialists: 77
Interns and Residents: 0
Registered Nurses: 422
Licensed Practical Nurses: 85

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: No

SAINT BARNABAS MEDICAL CENTER

RONALD J. DEL MAURO
President and Chief Executive Officer

JOHN D. PHILLIPS, M.H.A.
Executive Vice President

October 21, 1988

Hospital ID: 310076

The data analyzed by HCFA for this 1987 Mortality Report have been thoroughly reviewed by Saint Barnabas Medical Center. Saint Barnabas Medical Center is particularly pleased to note that we fall within the acceptable range of predicted mortality in all categories and have improved in most categories when compared with the 1986 report. We are satisfied that the quality of care administered in Saint Barnabas Medical Center is in full keeping with the high standards we have set for our institution and constantly strive to maintain and improve them.

We consider the HCFA guidelines as only the minimum standard and will continue to enhance our own Quality Assurance Program. Our existing Quality Assurance Program is committed to the establishment of an ongoing process ensuring the improvement of patient care and we anticipate utilizing the HCFA data in the achievement of this goal.

Saint Barnabas Medical Center is the largest acute care hospital in New Jersey, a state with the second oldest median-age population in the nation. Our Medical Center is a teaching institution and a major referral center for oncology, pulmonary disease (which includes a nursing unit specifically for ventilator-dependent patients), end stage renal disease, orthopaedics (with extensive, invasive orthopaedic surgery) and burn care. The Burn Center is the only certified facility in the entire state. The Gynecologic Oncology Program is a regional program as is the Organ Transplant Program. More kidney transplants are performed annually at Saint Barnabas than in any other hospital in the state. We are one of the few hospitals in the state certified to conduct home continuous ambulatory peritoneal dialysis (CAPD) and hemodialysis training.

These specializations along with several geographic factors affect the severity of illness in our patient population. We are situated in a major industrial area and in a state shown to have one of the highest cancer rates in the nation. Moreover, our particular service area is affected by a significant shortage of nursing home beds, with the result that patients with chronic, degenerative conditions are often kept at home and thus admitted just prior to death. Concomittantly, those patients who after admission are determined to require a nursing home bed, are hospitalized for greater length of time because these nursing home beds are just not available. Given the demographics and the patient population treated, we believe that it is particularly noteworthy that the HCFA Mortality Data indicates that Saint Barnabas falls well within the predicted mortality rates in every category investigated.

In reviewing the data we did take note of the fact that the category of Infectious Disease indicated a rate increase of 20% for Saint Barnabas, and we have conducted an intensive investigation in that area.

That review by the Infection Control Department personnel indicated that most of these patients were admitted with sepsis and had a complication or comorbid condition (such as chronic hypertensive cardiovascular disease, pulmonary disease, renal disease) contributing to the cause of death. There were no nosocomial infections identified in any of the cases reviewed.

As stated in our response to the HCFA mortality data report of last year, the Quality Assurance Program at Saint Barnabas Medical Ceter encompasses a comprehensive, concurrent plan that employs daily review of medical, nursing and ancillary services. If required, a retrospective review is performed. Generic screens, as recommended by JCAHO, HCFA and our Peer Review Organization, are used for evaluations with complete analysis applied to unanticipated deviations. As a result of our ongoing Quality Assurance Program, a number of mechanisms have been put into place to prevent any repetition of deviant patterns in patient response to treatments.

As a result of the constant monitoring process, physicians, nurses, department heads and quality assurance managers meet daily to watch for patterns and trends and to suggest new responses wherever appropriate. Individual practitioners are contacted for discussion and follow-up. At Saint Barnabas, the Quality Assurance Peer Review Program is concurrent as well as retrospective.

Complementing our Quality Assurance Program are a number of multi-disciplinary programs such as comprehensive discharge planning. In some cases, the attending physician contacts the Departments of Social Work Services and Physical Therapy prior to admission in anticipation of discharge planning and home care needs. In addition, the Patient Representative Department offers a patient advocacy program wherein "ombudsmen" respond to patient needs. Attempting to ward off problems whenever possible, the Patient Representatives interact with the healthcare team to solve problems should they arise. This program was the first in New Jersey and has served as a model for other hospitals.

Over the past year we have strengthened our hospital services with recently developed modalities such as Magnetic Resonance Imaging. We now have an affiliation with UMDNJ for Extracorporeal Shock Wave Lithotripsy. Expansion of our Psychiatric Department and Drug and Alcohol Counselling Services is planned to begin by year's end.

The committment to quality assurance at Saint Barnabas Medical Center is an integral part of all of our treatment programs and services. We welcome the HCFA review and pledge to work with you in any way possible to strengthen the delivery of quality healthcare service to our states' patients.

Ronald J Del Mauro

Ronald J. Del Mauro, President
and Chief Executive Officer

Robert G. O'Driscoll, M.D.
President, Medical Staff

ST CLARES RIVERSIDE MEDICAL CENTER

POCONO RD
DENVILLE, NJ 07834

Medicare Hospital Provider Number: 310050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,919	11	9 - 13	2,010	13	9 - 14
Cancer	73	38	29 - 55	59	51	29 - 57
Cerebrovascular Accidents	76	36	16 - 39	89	29	17 - 38
Gastrointestinal Catastrophes	19	47	17 - 62	18	39	13 - 58
Infectious Disease	26	27	12 - 49	35	51	19 - 55
Metabolic/Electrolyte Disorders	18	39	7 - 54	32	31	7 - 44
Pulmonary Disease	92	34	16 - 38	92	37	16 - 39
Renal Failure	3	67	9 - 92	3	67	1 - 89
Severe Acute Heart Disease	54	37	24 - 51	68	46	27 - 52
Severe Chronic Heart Disease	115	18	16 - 32	105	24	14 - 32
Severe Trauma	4	0	5 - 71	3	0	2 - 80
Gastrointestinal Disease	141	3	1 - 9	124	6	1 - 13
Gynecologic Disease	11	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	203	3	2 - 7	231	4	1 - 7
Musculoskeletal/Skin Conditions	192	2	1 - 7	198	3	1 - 7
Neuropsychiatric/Sensory Disease	171	1	1 - 6	194	1	0 - 6
Urologic Disease	92	1	0 - 11	93	1	0 - 20

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	302
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	316
Licensed Practical Nurses:	113

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

St Clares · Riverside
MEDICAL CENTER

St. Clares Division
Telephone:

COMMENTS CONCERNING MEDICARE PATIENTS WHO DIED WITHIN THIRTY DAYS AFTER ADMISSION DURING 1987

The Board of Trustees, the Medical Staff and the Administration of St. Clares Riverside Medical Center advocate confidential peer review as a means of monitoring the quality of patient care. Our program consists of a Quality Assessment (Q.A.) department and Q.A. committees which report to the chairpersons of the clinical departments, the Medical Executive Committee and a standing committee of the Board of Trustees. The charts of all patients treated at the medical center are screened for the quality and appropriateness of care with special emphasis on those of patients who die or develop complications.

Our overall mortality rates and those in each category fell within the acceptable ranges. Nevertheless, recognizing that mortality rates alone are not an adequate measure of the quality of care and that the severity of the patients' illnesses were not considered, we present below some of our peer review findings.

Two hundred eighteen Medicare patients are cited as having died within thirty days of admission. One hundred seventy eight died in the hospital and forty died after discharge from the hospital.

One or more uninvolved physicians review the record of each patient who dies in the medical center. After any necessary clarifying information has been received from the treating doctors, a report is sent to the Q.A. committee where the quality of care is further analyzed and appropriate actions taken. Opportunities to improve care in the future are sought and implemented when found. The Peer Review Organization of New Jersey also conducts an independent review of the quality of hospital care and communicates with the hospital when problems are found. In none of the two hundred eighteen admissions reported here was a communication received by the hospital indicating that poor quality care existed.

The attending physicians of the forty patients who died after discharge from the hospital were contacted concerning the cause of death. Information was obtained for thirty patients. In virtually all instances, death was either imminent at the time of discharge, as a result of an untreatable disease, or was predictable due to an ultimately fatal chronic debilitating condition. In thirteen of the cases (43%), it appeared that the patients died of causes that may have been unrelated to their diagnosis as of the last hospital admission.

Of the two hundred eighteen admissions many were of advanced age. 44% were between the ages of eighty and ninety. 13% were over the age of ninety. As a general observation of patients who fall into these categories, we can state that many are bedridden, have advanced malignancies which are considered to be preterminal, have been in a nursing home prior to admission, and/or are transferred to a nursing home after discharge from the hospital.

The advanced age of many of the patients, the prevalence of advanced malignancies, the presence of severe debilitating conditions and the frequency of nursing home stays prior to and following hospitalization indicate that these patients were severely ill and support the premise that death was unavoidable.

10/21/88

ST ELIZABETH HOSP
225 WILLIAMSON ST
ELIZABETH, NJ 07207

Medicare Hospital Provider Number: 310072

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,140	11	9 - 13	2,150	11	9 - 13
Cancer	101	37	32 - 55	101	37	30 - 53
Cerebrovascular Accidents	80	25	18 - 38	73	33	16 - 39
Gastrointestinal Catastrophes	23	30	19 - 59	24	38	16 - 57
Infectious Disease	12	17	16 - 62	13	38	19 - 69
Metabolic/Electrolyte Disorders	29	28	9 - 46	29	17	7 - 41
Pulmonary Disease	72	26	16 - 39	60	23	14 - 39
Renal Failure	9	33	5 - 71	3	67	11 - 93
Severe Acute Heart Disease	73	47	27 - 51	69	42	26 - 51
Severe Chronic Heart Disease	92	17	14 - 31	74	22	13 - 34
Severe Trauma	1	0	0 - 98	2	0	1 - 89
Gastrointestinal Disease	176	2	1 - 7	168	4	1 - 9
Gynecologic Disease	13	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	391	3	1 - 5	384	3	2 - 6
Musculoskeletal/Skin Conditions	165	2	1 - 7	174	1	1 - 5
Neuropsychiatric/Sensory Disease	89	4	1 - 15	74	0	1 - 8
Urologic Disease	94	4	0 - 29	86	1	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	328
Occupancy Rate (%):	70
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	210
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	27
Registered Nurses:	247
Licensed Practical Nurses:	83

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

The Sisters of Charity
Office of the Executive Director

St. Elizabeth Hospital
225 Williamson Street
Elizabeth, New Jersey 07207
(201) 527-5122

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert,

Thank you for providing St. Elizabeth Hospital with the opportunity to verify HCFA's mortality data and to provide comments.

All of St. Elizabeth Hospital's mortality rates for each category fall within the accepted ranges provided by the Health Care Financing Administration. Since receiving this report in late September, St. Elizabeth Hospital has conducted a thorough review of all data provided.

Our Chief Financial Officer and Medical Records staff have validated that HCFA's data is accurate and a reflection of statistics at our facility.

All deaths occurring at our facility are thoroughly reviewed by the Medical Staff as part of St. Elizabeth Hospital's ongoing quality assurance program. Our Quality Assurance staff, in conjunction with our Medical Staff, will continue to closely monitor not only mortality data but all data related to outcome to ensure continued quality of patient care.

Sincerely,

Sister Elizabeth Ann Maloney

Sister Elizabeth Ann Maloney
Executive Director

ST FRANCIS COMM HLTH CTR

25 WILLIAMS PL
JERSEY CITY, NJ 07302

Medicare Hospital Provider Number: 310049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,614	12	10 - 15	1,758	11	10 - 14
Cancer	76	30	30 - 55	58	47	31 - 60
Cerebrovascular Accidents	67	25	19 - 41	74	31	18 - 41
Gastrointestinal Catastrophes	19	21	12 - 53	27	15	20 - 53
Infectious Disease	17	35	17 - 62	12	33	12 - 64
Metabolic/Electrolyte Disorders	31	32	14 - 51	18	28	14 - 57
Pulmonary Disease	88	25	12 - 33	79	28	13 - 36
Renal Failure	9	22	8 - 70	1	100	0 -100
Severe Acute Heart Disease	48	48	23 - 52	77	38	28 - 51
Severe Chronic Heart Disease	89	29	14 - 34	96	17	15 - 32
Severe Trauma	3	0	4 - 79	1	0	1 - 97
Gastrointestinal Disease	118	4	1 - 11	169	2	1 - 7
Gynecologic Disease	14	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	223	1	2 - 5	232	4	2 - 8
Musculoskeletal/Skin Conditions	132	2	1 - 8	126	2	1 - 9
Neuropsychiatric/Sensory Disease	101	4	0 - 15	121	1	1 - 7
Urologic Disease	99	1	0 - 9	125	2	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	254
Occupancy Rate (%):	83
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	249
Percent of Physicians Who Are Board Certified Specialists:	33
Interns and Residents:	0
Registered Nurses:	106
Licensed Practical Nurses:	59

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST FRANCIS MEDICAL CENTER

601 HAMILTON AVE
TRENTON, NJ 08629

Medicare Hospital Provider Number: 310021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,700	13	11 - 15	2,917	12	11 - 15
Cancer	129	41	34 - 56	160	39	37 - 57
Cerebrovascular Accidents	103	24	19 - 38	94	24	19 - 38
Gastrointestinal Catastrophes	32	44	19 - 57	24	13	15 - 48
Infectious Disease	30	47	21 - 58	30	43	20 - 58
Metabolic/Electrolyte Disorders	29	31	11 - 48	37	24	9 - 42
Pulmonary Disease	91	36	16 - 38	109	24	17 - 36
Renal Failure	4	50	6 - 85	9	67	15 - 79
Severe Acute Heart Disease	115	42	29 - 50	146	42	31 - 49
Severe Chronic Heart Disease	145	27	17 - 33	130	22	16 - 32
Severe Trauma	6	67	6 - 74	1	0	0 - 99
Gastrointestinal Disease	199	3	1 - 8	206	1	1 - 6
Gynecologic Disease	30	0	0 - 87	33	0	0 -100
Low-Risk Heart Disease	371	4	2 - 7	335	3	2 - 6
Musculoskeletal/Skin Conditions	182	2	1 - 7	221	3	1 - 7
Neuropsychiatric/Sensory Disease	153	3	0 - 10	154	2	1 - 8
Urologic Disease	146	3	0 - 14	186	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	421
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	179
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	46
Registered Nurses:	222
Licensed Practical Nurses:	73

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JAMES HOSP

155 JEFFERSON ST
NEWARK, NJ 07105

Medicare Hospital Provider Number: 310018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	669	9	8 - 13	731	14	8 - 14
Cancer	11	27	17 - 69	16	25	23 - 66
Cerebrovascular Accidents	32	19	13 - 41	31	19	13 - 42
Gastrointestinal Catastrophes	1	100	1 - 97	10	40	12 - 69
Infectious Disease	3	0	5 - 79	5	20	7 - 75
Metabolic/Electrolyte Disorders	12	25	7 - 58	9	44	4 - 67
Pulmonary Disease	33	21	11 - 41	38	47	12 - 45
Renal Failure	4	75	12 - 88	2	0	0 - 98
Severe Acute Heart Disease	13	46	17 - 67	17	41	22 - 67
Severe Chronic Heart Disease	69	14	14 - 32	50	16	12 - 35
Severe Trauma	2	0	0 - 94	2	0	2 - 89
Gastrointestinal Disease	55	0	0 - 11	49	2	0 - 23
Gynecologic Disease	4	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	79	3	1 - 12	96	10	0 - 21
Musculoskeletal/Skin Conditions	51	0	0 - 15	87	2	0 - 16
Neuropsychiatric/Sensory Disease	45	2	0 - 26	50	2	0 - 43
Urologic Disease	40	0	0 - 56	25	0	0 - 37

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	206
Occupancy Rate (%):	72
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	112
Percent of Physicians Who Are Board Certified Specialists:	51
Interns and Residents:	0
Registered Nurses:	124
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPHS HOSP

703 MAIN ST
PATERSON, NJ 07503

Medicare Hospital Provider Number: 310019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,483	13	9 - 13	3,792	14	10 - 14
Cancer	115	34	30 - 52	145	36	29 - 50
Cerebrovascular Accidents	141	30	18 - 35	123	28	18 - 36
Gastrointestinal Catastrophes	27	26	16 - 53	44	30	14 - 47
Infectious Disease	33	36	18 - 53	37	32	21 - 54
Metabolic/Electrolyte Disorders	59	27	9 - 38	64	34	8 - 37
Pulmonary Disease	173	20	16 - 32	244	36	19 - 36
Renal Failure	43	26	15 - 62	57	42	12 - 61
Severe Acute Heart Disease	110	49	27 - 48	130	42	28 - 47
Severe Chronic Heart Disease	162	27	14 - 30	173	29	15 - 30
Severe Trauma	2	50	2 - 92	4	25	3 - 80
Gastrointestinal Disease	192	2	1 - 7	199	2	1 - 6
Gynecologic Disease	23	0	0 -100	23	0	0 - 99
Low-Risk Heart Disease	893	4	2 - 5	899	5	2 - 6
Musculoskeletal/Skin Conditions	183	3	1 - 8	187	1	1 - 5
Neuropsychiatric/Sensory Disease	162	1	0 - 9	171	0	0 - 5
Urologic Disease	97	1	0 - 14	97	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	701
Occupancy Rate (%):	92
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	406
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	130
Registered Nurses:	560
Licensed Practical Nurses:	110

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSP

211 PENNINGTON AVE
PASSAIC, NJ 07055

Medicare Hospital Provider Number: 310006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,695	11	9 - 13	1,874	13	9 - 14
Cancer	73	37	28 - 54	64	39	26 - 53
Cerebrovascular Accidents	82	29	18 - 39	84	27	19 - 40
Gastrointestinal Catastrophes	11	36	8 - 64	15	40	16 - 65
Infectious Disease	17	24	11 - 54	11	36	14 - 68
Metabolic/Electrolyte Disorders	28	21	11 - 46	35	37	13 - 48
Pulmonary Disease	56	25	14 - 39	66	27	15 - 39
Renal Failure	8	63	17 - 83	2	0	10 - 96
Severe Acute Heart Disease	53	45	25 - 53	76	46	27 - 51
Severe Chronic Heart Disease	78	24	14 - 34	113	28	14 - 33
Severe Trauma	1	0	0 - 99	2	50	6 - 95
Gastrointestinal Disease	162	4	1 - 9	154	6	1 - 12
Gynecologic Disease	13	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	213	3	2 - 7	219	4	1 - 8
Musculoskeletal/Skin Conditions	148	3	1 - 8	170	4	1 - 9
Neuropsychiatric/Sensory Disease	151	1	1 - 7	158	3	0 - 9
Urologic Disease	109	2	0 - 12	96	2	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	222
Occupancy Rate (%):	76
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	235
Percent of Physicians Who Are Board Certified Specialists:	27
Interns and Residents:	0
Registered Nurses:	157
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSP

308 WILLOW AVE
HOBOKEN, NJ 07030

Medicare Hospital Provider Number: 310040

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,630	13	10 - 14	1,793	13	10 - 15
Cancer	58	36	30 - 57	51	45	35 - 65
Cerebrovascular Accidents	63	29	17 - 41	60	33	16 - 41
Gastrointestinal Catastrophes	17	35	14 - 60	18	44	18 - 64
Infectious Disease	25	52	18 - 58	25	36	19 - 59
Metabolic/Electrolyte Disorders	33	18	11 - 43	40	27	15 - 47
Pulmonary Disease	52	15	13 - 36	64	22	16 - 39
Renal Failure	5	40	14 - 88	7	71	18 - 85
Severe Acute Heart Disease	48	65	27 - 55	54	43	27 - 55
Severe Chronic Heart Disease	108	24	14 - 32	123	28	16 - 33
Severe Trauma	2	0	2 - 89	3	0	2 - 80
Gastrointestinal Disease	120	2	1 - 9	126	2	1 - 8
Gynecologic Disease	10	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	186	5	1 - 9	230	3	2 - 8
Musculoskeletal/Skin Conditions	104	1	1 - 8	133	3	1 - 9
Neuropsychiatric/Sensory Disease	119	2	0 - 15	132	1	0 - 8
Urologic Disease	102	1	0 - 9	97	1	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	330
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	244
Percent of Physicians Who Are Board Certified Specialists:	48
Interns and Residents:	28
Registered Nurses:	110
Licensed Practical Nurses:	31

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSP

135 S CENTER ST
ORANGE, NJ 07050

Medicare Hospital Provider Number: 310071

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,410	11	9 - 14	1,622	12	8 - 12
Cancer	44	36	26 - 57	65	43	25 - 53
Cerebrovascular Accidents	46	30	14 - 41	64	38	14 - 39
Gastrointestinal Catastrophes	8	38	21 - 81	8	13	11 - 64
Infectious Disease	25	20	23 - 58	22	55	14 - 56
Metabolic/Electrolyte Disorders	32	28	11 - 46	28	25	5 - 43
Pulmonary Disease	63	27	15 - 39	80	17	14 - 34
Renal Failure	7	71	19 - 86	2	50	2 - 92
Severe Acute Heart Disease	32	28	24 - 56	57	42	23 - 50
Severe Chronic Heart Disease	71	25	12 - 34	80	32	12 - 34
Severe Trauma	2	0	1 - 89	5	20	6 - 75
Gastrointestinal Disease	110	4	1 - 11	130	2	1 - 9
Gynecologic Disease	10	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	180	4	1 - 8	235	2	1 - 6
Musculoskeletal/Skin Conditions	139	3	2 - 9	175	2	0 - 8
Neuropsychiatric/Sensory Disease	37	3	0 - 40	26	8	0 - 99
Urologic Disease	106	0	1 - 6	103	2	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 202
Occupancy Rate (%): 72
Ownership/Control: Church

STAFFING

Total Number of Physicians: 281
Percent of Physicians Who Are Board Certified Specialists: 55
Interns and Residents: 0
Registered Nurses: 79
Licensed Practical Nurses: 39

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST MICHAELS MEDICAL CENTER

306 HIGH STREET
NEWARK, NJ 07102

Medicare Hospital Provider Number: 310096

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,688	11	9 - 13	1,778	11	9 - 14
Cancer	47	30	28 - 57	56	25	26 - 53
Cerebrovascular Accidents	27	22	12 - 44	31	23	14 - 45
Gastrointestinal Catastrophes	11	55	13 - 68	8	0	18 - 60
Infectious Disease	24	33	23 - 62	22	36	15 - 56
Metabolic/Electrolyte Disorders	27	33	8 - 47	27	30	13 - 51
Pulmonary Disease	83	27	17 - 39	88	26	16 - 37
Renal Failure	10	30	11 - 73	19	37	17 - 72
Severe Acute Heart Disease	42	48	22 - 53	57	37	25 - 51
Severe Chronic Heart Disease	92	17	14 - 31	84	19	14 - 32
Severe Trauma	4	25	2 - 81	2	100	4 - 89
Gastrointestinal Disease	99	5	1 - 13	98	7	1 - 16
Gynecologic Disease	21	5	0 -100	16	0	0 -100
Low-Risk Heart Disease	418	6	2 - 7	402	5	2 - 7
Musculoskeletal/Skin Conditions	100	2	1 - 10	126	3	1 - 9
Neuropsychiatric/Sensory Disease	101	1	1 - 8	117	3	0 - 15
Urologic Disease	45	4	0 - 54	39	0	0 - 40

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	411
Occupancy Rate (%):	87
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	323
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	101
Registered Nurses:	292
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST PETERS MED CENTER

254 EASTON AVE
NEW BRUNSWICK, NJ 08903

Medicare Hospital Provider Number: 310070

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,772	12	11 - 15	2,995	13	11 - 15
Cancer	161	41	33 - 53	146	39	34 - 55
Cerebrovascular Accidents	91	15	20 - 37	101	24	18 - 37
Gastrointestinal Catastrophes	16	25	17 - 61	19	16	13 - 51
Infectious Disease	55	38	22 - 51	27	22	20 - 55
Metabolic/Electrolyte Disorders	28	43	10 - 50	52	40	16 - 47
Pulmonary Disease	167	26	19 - 36	174	29	20 - 37
Renal Failure	2	100	5 - 90	9	11	19 - 77
Severe Acute Heart Disease	92	28	30 - 51	120	43	31 - 51
Severe Chronic Heart Disease	127	19	15 - 30	170	24	17 - 32
Severe Trauma	1	0	1 - 97	3	33	4 - 86
Gastrointestinal Disease	189	4	1 - 8	237	5	1 - 8
Gynecologic Disease	20	0	0 -100	24	0	0 -100
Low-Risk Heart Disease	418	4	2 - 6	397	3	2 - 6
Musculoskeletal/Skin Conditions	227	3	1 - 7	226	3	1 - 7
Neuropsychiatric/Sensory Disease	80	4	0 - 16	129	5	0 - 14
Urologic Disease	116	2	0 - 10	117	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 390
Occupancy Rate (%): 89
Ownership/Control: Church

STAFFING

Total Number of Physicians: 504
Percent of Physicians Who Are Board Certified Specialists: 71
Interns and Residents: 0
Registered Nurses: 356
Licensed Practical Nurses: 49

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

THE LIVINGSTON COMMUNITY HOSPITAL

204 HILLSIDE AVE
LIVINGSTON, NJ 07039

Medicare Hospital Provider Number: 310094

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	366	11	7 - 14	463	11	8 - 14
Cancer	9	44	13 - 72	5	40	9 - 80
Cerebrovascular Accidents	4	75	11 - 84	9	22	7 - 62
Gastrointestinal Catastrophes	3	33	4 - 86	1	100	0 - 99
Infectious Disease	2	50	3 - 92	3	33	2 - 87
Metabolic/Electrolyte Disorders	10	40	6 - 65	11	9	6 - 51
Pulmonary Disease	22	27	14 - 52	27	30	12 - 48
Renal Failure	1	0	0 - 99	2	50	4 - 93
Severe Acute Heart Disease	6	100	20 - 69	23	83	33 - 66
Severe Chronic Heart Disease	20	25	9 - 48	18	28	11 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	4	0 - 70	28	4	0 - 53
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	41	0	1 - 14	49	2	1 - 16
Musculoskeletal/Skin Conditions	73	1	0 - 14	90	1	0 - 13
Neuropsychiatric/Sensory Disease	10	0	0 - 72	26	0	0 - 50
Urologic Disease	21	5	0 - 99	28	0	0 - 47

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	94
Occupancy Rate (%):	36
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

T L
C H

THE LIVINGSTON COMMUNITY HOSPITAL
204 Hillside Ave., Livingston, N.J. 07039
(201) 992-6550

Medicare Provider #310094

Response to Medicare Hospital Mortality Information - Calendar Year 1987

Under the diagnostic category Severe Acute Heart Disease, 6 cases were documented with an actual mortality rate of 100%.

In response, following very specific criteria, an indepth study of all deaths for 1987 were performed by the Medical Staff at the monthly meeting of the Mortality Committee. Each case met quality standards set in the criteria and were justified.

The six patients in this category were all over 70 years of age. All patients demonstrated histories of chronic illness prior to admission. 50% of these patients were admitted from nursing homes.

The following six case studies are submitted.

1. Recurrent admission of [redacted] year old [redacted] from nursing home with diagnosis of sepsis. History of Parkinson's Disease and ASHD. Fever of 105, and dehydration. Patient non communicative. (Discharged five days prior to this admission after extensive tratment with antibiotics for sepsis.)

Suprapubic catheter insertion was performed and procedure tolerated well. Constant refusal of feedings by mouth resulted in insertion of nasogastric tube. Condition continued to deteriorate, transferred to Intensive/Coronary Care Unit, went into acute respiratory failure and septic shock. Placed on mechanical ventilation, became hypotensive, developed metabolic acidosis with hyperkalemia. Expired. Final diagnosis - Cardiac arrest.

2. A [redacted] year old [redacted] with known Myasthenia Gravis, and Parkinson's Disease admitted for graft of ulcer on right achilles, a result of injury or fall four months PTA, with unsuccessful graft one month PTA. Medically cleared for surgery under local anesthesia. Suddenly, a few hours prior to surgery, patient became unresponsive and, despite CPR, patient expired. Final diagnosis - Pulmonary embolism. Medical examiner notified, body released.

3. Sixth admission within past 3 years of [redacted] year old [redacted] who experienced sudden episode of congestion, shortness of breath and apparent obtunded condition at nursing home and sent to hospital for evaluation and reinsertion of gastrojejunostomy tube. Patient incontinent of bladder and bowel with foley catheter; had left below knee amputaton, contractures, dehydration. History of diabetes mellitus, azotemia, sepsis, volvulus and diverticulosis.

Family had requested a "no code." Three and one-half hours post arrival to hospital, patient went into sudden cardiac arrest. Medical Examiner notified. Clearance obtained.

4. Emergency admission of [redacted] year old [redacted] with urinary retention. Past history of coronary occlusion resulted in insertion of pacemaker. Evening of admission experienced sudden onset of shortness of breath. Transferred to Coronary Care Unit. Code called at 10:35 p.m. Pulmonary specialist in attendance. Expired.
Final diagnosis: 1) Massive coronary occlusion
2) Prostatic obstruction
3) Pacemaker effect
4) Diabetes Mellitus
5) Renal insufficiency

5. [redacted] year old [redacted] admitted with diagnosis of unstable angina to Coronary Care Unit. Tests indicated acute myocardial infarction. Management by cardiologist and pulmonary specialist. Final diagnoses: 1) Primary cardiac arrest
2) Acute myocardial infarction
3) Cardiogenic Shock
4) Hypertension
5) Ventricular fibrillation
6) Respiratory failure

6. [redacted] year old [redacted] received in Emergency Room from nursing home with diagnosis of pulmonary edema with respiratory failure. Unresponsive with shallow breathing. Admitted to Coronary Care Unit. No full code, only chemical code per family request. Final diagnosis: pulmonary edema with respiratory failure with cardiopulmonary arrest and bradycardia.

THE MEDICAL CENTER OF OCEAN COUNTY

2121 EDGEWATER PLACE
POINT PLEASANT, NJ 08742

Medicare Hospital Provider Number: 310052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,399	13	11 - 14	4,365	13	11 - 15
Cancer	184	52	33 - 53	225	47	34 - 53
Cerebrovascular Accidents	209	30	20 - 35	246	25	21 - 34
Gastrointestinal Catastrophes	37	30	18 - 52	35	29	17 - 51
Infectious Disease	55	35	21 - 50	46	39	22 - 54
Metabolic/Electrolyte Disorders	27	22	11 - 47	25	28	10 - 49
Pulmonary Disease	166	23	18 - 34	157	26	16 - 34
Renal Failure	32	50	22 - 72	21	52	21 - 76
Severe Acute Heart Disease	164	36	29 - 47	157	42	30 - 48
Severe Chronic Heart Disease	282	25	18 - 30	324	26	17 - 29
Severe Trauma	7	43	6 - 72	4	50	9 - 86
Gastrointestinal Disease	397	2	1 - 5	408	3	2 - 6
Gynecologic Disease	18	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	584	3	2 - 6	512	4	2 - 6
Musculoskeletal/Skin Conditions	446	2	1 - 5	439	1	1 - 5
Neuropsychiatric/Sensory Disease	137	1	1 - 8	148	2	1 - 8
Urologic Disease	161	2	0 - 8	132	0	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	386
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	238
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	294
Licensed Practical Nurses:	131

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

The
Medical Center
OF OCEAN COUNTY
POINT PLEASANT • BRICK

RICHARD J. LEONE, FACH
PRESIDEN

CERTIFIED MAIL

MEDICARE PROVIDER #310052

October 14, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The following comments are submitted in response to the release of the 1987 Medicare Hospital Mortality Data for this institution (Provider #310052).

The Medical Center of Ocean County, formerly The Northern Ocean Hospital System, supports in principle the disclosure to the public of quantifiable information regarding the quality of care provided in hospitals, assuming such information is relevant, accurate, verifiable, and consistent. Our first and foremost concern is the provision of quality care and to achieve this the Hospital and Medical Staff commit extensive time and resources to quality assurance activities, including in-depth reviews of hospital mortalities and ongoing review of statistical trends.

In review of the HCFA Mortality numbers, we have noted a discrepancy of the Hospital's total number of all cases and HCFA's total number of all cases. The Hospital numbers reflect 5,020 cases vs. HCFA 4,399. Using the larger number would decrease the Hospital's actual mortality rate for all causes to 11%.

As was the case with the 1986 release of Medicare Hospital Mortality Data, the Hospital is unable to completely verify or assess the causes of the post discharge deaths of 1987 which occur within thirty days of admission.

It is also difficult to draw conclusions regarding quality from the data since it lacks any adjustment for severity of illness or overall health status. Furthermore, mortality rates for a single year that cover a relatively small statistical sample do not adequately take into account random variations that could produce unusually higher (or lower) rates compared to the predicted ranges.

In review of the specific diagnostic categories of Cancer, Cerebrovascular Accidents and Severe Chronic Heart Disease, the Hospital finds those cases of death in the Hospital to be patient cases with multiple disease processes as well as Do Not Resuscitate orders. In the case of Stroke, 52 of 56 cases reviewed were DNR, in the case of Cancer, 86 of 96 cases reviewed were DNR, and in the case of Severe Chronic Heart Disease, 29 out of 55 cases reviewed were DNR.

The HCFA data is helpful as a screening tool to identify possible quality issues for further study. HCFA has stated that mortality statistics are only one indicator of quality, and certainly this data does not provide a sufficient basis upon which to make a determination about the quality of care in the Hospital. The Medical Center of Ocean County supports and encourages continued efforts by HCFA and others to develop meaningful quality indices that may be used to assess and improve the level of care delivered in hospitals.

I trust you will find this information helpful and I would be pleased to supply additional commentary at your request.

Sincerely,

Morris Feitel MD

Morris Feitel, M.D.
Vice President, Medical Affairs

MF/ned

UNDERWOOD MEM HOSP

509 N BROAD ST
WOODBURY, NJ 08096

Medicare Hospital Provider Number: 310081

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,886	14	10 - 15	2,889	15	10 - 15
Cancer	85	38	30 - 54	84	48	34 - 59
Cerebrovascular Accidents	125	28	18 - 36	110	25	18 - 36
Gastrointestinal Catastrophes	29	31	20 - 57	26	23	20 - 57
Infectious Disease	38	39	21 - 55	56	43	24 - 54
Metabolic/Electrolyte Disorders	78	33	13 - 41	67	36	13 - 42
Pulmonary Disease	160	34	19 - 37	135	35	17 - 36
Renal Failure	8	63	20 - 86	15	53	20 - 79
Severe Acute Heart Disease	131	35	26 - 45	135	34	28 - 46
Severe Chronic Heart Disease	161	30	16 - 32	158	35	16 - 32
Severe Trauma	7	14	7 - 66	5	20	4 - 75
Gastrointestinal Disease	234	3	2 - 7	220	5	1 - 9
Gynecologic Disease	9	11	0 -100	14	0	0 -100
Low-Risk Heart Disease	417	5	2 - 7	411	5	2 - 7
Musculoskeletal/Skin Conditions	239	3	1 - 7	228	4	1 - 8
Neuropsychiatric/Sensory Disease	115	3	0 - 12	126	1	0 - 8
Urologic Disease	94	3	0 - 19	88	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	339
Occupancy Rate (%):	71
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	218
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	12
Registered Nurses:	277
Licensed Practical Nurses:	104

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

UNDERWOOD-MEMORIAL HOSPITAL

WOODBURY, NEW JERSEY 08096 • (609) 845-0100

October 18, 1988.

William D. Thompson, F.A.C.H.E.
President

Health Standards and Quality Bureau, HCFA
Attention: Ms. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

This is written in response to your letter of September 15, 1988, which outlined the Health Care Financing Administration's (HCFA) plan to publish its evaluation of mortality rates for Medicare beneficiaries. Underwood-Memorial Hospital appreciates the opportunity given to respond to the information provided and hopes that review of these comments and the information generated by HCFA will assist the public we serve.

Underwood-Memorial Hospital would like to express strongly its belief that death rates alone should not be used to define a particular organization's level of quality. As well, we feel it important to note that not all factors affecting the probability of death are included in the statistical model used to predict expected death rates.

Of concern to those reviewing the data for New Jersey hospitals should be the fact that New Jersey hospitals treat the second oldest median-age population in the country. As well, New Jersey hospitals treat more Medicare patients who stay longer.

Underwood-Memorial Hospital would also like to point out that variations in medical terminology and physician documentation practices may result in misclassification of patients into the 16 diagnostic categories.

Coding conventions or the rules by which a hospital must code its medical records and general inadequacies in the coding system as dictated by the Health Care Financing Administration may affect the validity of the data for each diagnostic category. In addition, those reviewing the mortality data should also understand that the very nature of the medical record coding system is somewhat dependent on individual coder interpretation of medical information and may result in data variations from hospital to hospital.

Those reviewing this data and any other information pertinent to Underwood-Memorial should be aware of the Hospital's efforts to assure high quality health care. The Quality Assurance Program at Underwood-Memorial Hospital is formally organized as a peer review function and is designed to effectively monitor the quality and appropriateness of patient care rendered throughout the Hospital. Monitoring is performed by the Medical-Dental Staff departments on a monthly basis. The Mortality Review function is conducted on a monthly basis on all deaths, utilizing pre-established criteria. Medical charts are initially screened by a Physician Reviewer, and any case that does not meet the criteria is forwarded to the appropriate Medical Staff department for further review and action. All recommendations, actions, and conclusions are documented and monitored.

In conclusion, we appreciate once again the opportunity of responding to your request. Hopefully, by carefully reviewing and scrutinizing all information available to us, both the health care consumer and provider will be better educated in their decisions to utilize and deliver quality health services.

Sincerely,

William D. Thompson

William D. Thompson
President

/cpc

UNITED HOSPS OF NEWARK

15 S 9TH ST
NEWARK, NJ 07107

Medicare Hospital Provider Number: 310062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,283	11	9 - 14	1,497	14	8 - 13
Cancer	50	32	26 - 55	46	43	21 - 52
Cerebrovascular Accidents	52	23	16 - 40	68	19	15 - 36
Gastrointestinal Catastrophes	8	38	10 - 71	11	18	5 - 57
Infectious Disease	59	22	21 - 48	59	46	23 - 53
Metabolic/Electrolyte Disorders	39	23	9 - 41	52	33	7 - 38
Pulmonary Disease	64	31	16 - 41	95	36	15 - 37
Renal Failure	5	40	10 - 84	7	0	7 - 65
Severe Acute Heart Disease	15	27	17 - 61	36	47	24 - 57
Severe Chronic Heart Disease	65	18	12 - 32	59	25	13 - 37
Severe Trauma	1	100	1 - 97	2	50	1 - 94
Gastrointestinal Disease	96	3	1 - 11	89	6	0 - 20
Gynecologic Disease	4	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	174	2	1 - 7	181	1	1 - 5
Musculoskeletal/Skin Conditions	101	1	0 - 9	160	2	0 - 11
Neuropsychiatric/Sensory Disease	128	2	1 - 9	158	2	0 - 11
Urologic Disease	29	7	0 - 46	37	5	0 - 79

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	386
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	270
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	44
Registered Nurses:	370
Licensed Practical Nurses:	75

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNIVERSITY HOSP

100 BERGEN ST
NEWARK, NJ 07107

Medicare Hospital Provider Number: 310119

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	644	12	7 - 13	724	12	7 - 13
Cancer	40	40	28 - 60	30	37	23 - 59
Cerebrovascular Accidents	11	9	5 - 49	25	32	8 - 46
Gastrointestinal Catastrophes	11	45	10 - 66	8	13	17 - 70
Infectious Disease	3	0	2 - 80	3	0	6 - 80
Metabolic/Electrolyte Disorders	9	33	4 - 65	15	33	5 - 55
Pulmonary Disease	30	20	6 - 38	27	26	8 - 43
Renal Failure	4	0	1 - 83	8	13	1 - 72
Severe Acute Heart Disease	14	43	13 - 62	7	57	10 - 73
Severe Chronic Heart Disease	10	20	3 - 58	27	26	5 - 41
Severe Trauma	9	56	4 - 67	0	-	-
Gastrointestinal Disease	37	3	0 - 39	32	9	0 - 77
Gynecologic Disease	8	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	62	5	0 - 23	61	0	1 - 9
Musculoskeletal/Skin Conditions	59	2	0 - 22	53	4	0 - 39
Neuropsychiatric/Sensory Disease	91	0	0 - 10	104	2	0 - 24
Urologic Disease	16	0	0 - 82	22	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	471
Occupancy Rate (%):	84
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	376
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	225
Registered Nurses:	589
Licensed Practical Nurses:	99

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UMD
NEW JERSEY
University of Medicine & Dentistry of New Jersey
University Hospital

150 Bergen Street
Newark, New Jersey 07103 - 2757

Hospital Provider ID-310119

University Hospital serves a large urban population, the majority of which are medically indigent, with little or no primary care prior to hospitalization. The overall admission rate to University Hospital, from the Emergency Room in 1987 was 70%.

Most often, patients admitted through the Emergency Room have significant severity of illness and multiple comorbid conditions which contribute to their ultimate outcome.

Compared to the 1986 Release of HCFA Medicare Mortality Data, University Hospital's Medicare population did not change. Without detailed information concerning the actual data available to HCFA to compute mortality rates and hospital characteristics, it is impossible for University Hospital to verify, on a case by case basis, the accuracy of diagnostic or other data included in HCFA's final publication.

However, the HCFA data was subjected to an analysis by the Hospital's Administration and Medical Staff personnel. No specific problem patterns or trends were identified. The information elicited will be incorporated in the Hospital's ongoing process for peer review and staff in-service education, as deemed appropriate.

Regarding the Hospital Characteristics Information, the following discrepancies were noted:

	# Reported	Actual #
Beds (#)	290	518
Specialty Services/ Coronary Care Unit	0	15
Total Number of Physicians	391	684

The University is an affirmative action/equal opportunity employer

VALLEY HOSP
LINWOOD N VAN DIEN AVES
RIDGEWOOD, NJ 07450

Medicare Hospital Provider Number: 310012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,899	10	10 - 14	4,143	12	10 - 14
Cancer	170	35	31 - 51	187	41	33 - 53
Cerebrovascular Accidents	151	28	18 - 35	164	27	20 - 36
Gastrointestinal Catastrophes	41	17	21 - 51	40	40	21 - 55
Infectious Disease	32	25	21 - 54	50	32	22 - 52
Metabolic/Electrolyte Disorders	51	27	14 - 44	37	19	11 - 42
Pulmonary Disease	148	22	18 - 35	173	21	17 - 33
Renal Failure	10	40	18 - 80	19	58	19 - 75
Severe Acute Heart Disease	172	32	30 - 48	183	34	30 - 47
Severe Chronic Heart Disease	187	21	17 - 31	229	30	17 - 31
Severe Trauma	12	58	9 - 63	9	11	7 - 59
Gastrointestinal Disease	276	4	2 - 8	378	2	1 - 5
Gynecologic Disease	40	0	0 -100	45	0	0 -100
Low-Risk Heart Disease	505	1	2 - 5	573	2	2 - 5
Musculoskeletal/Skin Conditions	321	2	1 - 6	331	2	1 - 5
Neuropsychiatric/Sensory Disease	152	1	0 - 8	144	1	0 - 8
Urologic Disease	203	1	0 - 7	174	1	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	387
Occupancy Rate (%):	87
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	425
Percent of Physicians Who Are Board Certified Specialists:	76
Interns and Residents:	0
Registered Nurses:	357
Licensed Practical Nurses:	55

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Medicare Provider No. 310012

THE VALLEY HOSPITAL

Ridgewood • New Jersey • 07451

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The Valley Hospital has reviewed the Medicare Hospital Mortality Information for the calendar year 1987. While Valley falls within the range for predicted mortality in every one of the 16 diagnostic categories, I do question the validity of the statistics based on a small sample size in several of the categories. For example, the Hospital reported only 10 cases of renal failure and 12 cases of severe trauma in 1987. I would think that a much larger sample size would be necessary for statistical validity. Perhaps the Health Care Financing Administration might want to consider a minimum number of cases before releasing information.

I would also like to correct the information listed in the hospital characteristics section. Specifically, the Hospital maintained 387 beds in 1986 rather than the 273 beds listed. Perhaps the number selected was the Medical/Surgical capacity which was 273 beds in 1986. Also, the Hospital reported in 1986 that seventy-five percent (75%) of our physicians were Board Certified rather than the sixty-seven percent (67%) as listed in your report. Finally, the Hospital did maintain a Hospice Care Program in 1986 and continues to do so.

Thank you for the opportunity to comment on the Hospital Mortality Information Report.

Sincerely,

Michael W. Azzara
President

WALLKILL VALLEY GEN HOSP ASSOC

20 WALNUT ST
SUSSEX, NJ 07461

Medicare Hospital Provider Number: 310120

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	639	11	8 - 14	679	11	10 - 16
Cancer	20	50	25 - 68	36	39	27 - 61
Cerebrovascular Accidents	22	32	11 - 50	31	16	14 - 42
Gastrointestinal Catastrophes	7	43	12 - 76	7	43	9 - 74
Infectious Disease	9	33	9 - 67	13	31	11 - 61
Metabolic/Electrolyte Disorders	9	22	4 - 62	8	38	4 - 68
Pulmonary Disease	39	21	12 - 40	42	24	13 - 41
Renal Failure	2	100	6 - 91	2	50	7 - 97
Severe Acute Heart Disease	11	64	17 - 70	20	30	19 - 59
Severe Chronic Heart Disease	36	17	10 - 37	38	32	12 - 42
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	62	0	1 - 9	76	1	0 - 12
Gynecologic Disease	8	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	85	1	1 - 9	82	0	1 - 7
Musculoskeletal/Skin Conditions	67	3	0 - 17	68	0	0 - 10
Neuropsychiatric/Sensory Disease	24	0	1 - 22	18	0	0 - 95
Urologic Disease	32	6	0 - 85	28	0	0 - 85

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 106
Occupancy Rate (%): 57
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 48
Percent of Physicians Who Are Board Certified Specialists: 54
Interns and Residents: 0
Registered Nurses: 59
Licensed Practical Nurses: 22

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

WARREN HOSP

185 ROSEBERRY ST
PHILLIPSBURG, NJ 08865

Medicare Hospital Provider Number: 310060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,739	13	9 - 14	1,766	14	10 - 15
Cancer	57	49	26 - 55	71	44	31 - 58
Cerebrovascular Accidents	73	29	17 - 39	61	25	15 - 38
Gastrointestinal Catastrophes	15	7	15 - 51	17	24	14 - 57
Infectious Disease	15	27	11 - 57	16	44	17 - 65
Metabolic/Electrolyte Disorders	37	24	11 - 44	42	40	13 - 46
Pulmonary Disease	78	32	14 - 38	91	23	19 - 39
Renal Failure	8	50	17 - 83	8	38	15 - 81
Severe Acute Heart Disease	63	40	26 - 52	59	41	27 - 53
Severe Chronic Heart Disease	79	28	13 - 34	100	32	15 - 35
Severe Trauma	1	0	0 - 98	3	0	3 - 80
Gastrointestinal Disease	135	7	1 - 13	147	3	1 - 9
Gynecologic Disease	25	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	257	4	2 - 7	230	4	1 - 7
Musculoskeletal/Skin Conditions	155	3	1 - 8	142	5	1 - 10
Neuropsychiatric/Sensory Disease	80	0	0 - 13	103	1	0 - 11
Urologic Disease	66	2	0 - 18	58	2	0 - 37

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 250
Occupancy Rate (%): 65
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 101
Percent of Physicians Who Are Board Certified Specialists: 75
Interns and Residents: 18
Registered Nurses: 142
Licensed Practical Nurses: 48

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

WAYNE GENERAL HOSP

224 HAMBURG TNPKE
WAYNE, NJ 07470

Medicare Hospital Provider Number: 310116

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,005	15	10 - 15	2,020	15	10 - 15
Cancer	55	38	28 - 57	67	49	28 - 55
Cerebrovascular Accidents	84	32	17 - 39	85	36	17 - 39
Gastrointestinal Catastrophes	24	33	15 - 55	13	23	15 - 63
Infectious Disease	26	42	15 - 55	16	50	18 - 66
Metabolic/Electrolyte Disorders	40	42	14 - 49	37	41	10 - 46
Pulmonary Disease	146	30	18 - 36	150	29	16 - 34
Renal Failure	10	40	16 - 79	7	57	10 - 80
Severe Acute Heart Disease	65	58	27 - 52	79	44	28 - 52
Severe Chronic Heart Disease	106	28	13 - 32	132	23	15 - 31
Severe Trauma	3	33	2 - 87	1	100	1 - 97
Gastrointestinal Disease	179	3	1 - 8	198	3	1 - 7
Gynecologic Disease	14	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	218	6	1 - 9	205	4	1 - 8
Musculoskeletal/Skin Conditions	158	4	1 - 9	161	2	1 - 8
Neuropsychiatric/Sensory Disease	69	4	0 - 22	49	2	0 - 42
Urologic Disease	112	5	0 - 15	106	2	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	211
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	172
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	173
Licensed Practical Nurses:	63

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WAYNE
GENERAL
HOSPITAL

Executive Offices

COMMENTS CONCERNING
1987 MEDICARE MORTALITY DATA

HOSPITAL #310116

October 21, 1988

Wayne General Hospital is supportive of the continuing effort on the part of HCFA (Health Care Financing Administration) to quantify the high quality of health care in our nation's hospitals. However, hospitals are very complex organizations and one cannot expect that a single parameter, such as mortality, can accurately measure differences among hospitals.

Statisticians have reported that the current HCFA mortality model only accounts for 10% of the differences among hospital mortality patterns. This means that the model has a very limited ability to predict, with precision, whether a patient will live or die.

The HCFA model fails to take into consideration a number of factors which effect the probability of death. The model only considers four comorbid conditions when, in fact, many more may exist, nor does it consider whether the death was expected as a normal part of the disease process. The model does not even distinguish among causes of death unrelated to the hospitalization, such as traffic accidents.

It is our opinion that mortality data alone, especially using such an unrefined approach, is an inadequate yardstick to measure hospital quality.

Since we have previously discussed the 1986 data, we will not address that model in this commentary. Our specific comments on 1987 data are as follows:

** Wayne General Hospital's mortality rates are within the expected ranges on an overall basis and for each of the reported categories except severe acute heart disease.

** The HCFA model overstates actual mortality rates, because it only looks at a patient's last admission. If the total number of admissions were included in the calculation, the actual mortality rates would be dramatically lower than reported by the model.

224 Hamburg Turnpike Wayne, New Jersey 07470 201/956-3300 Fax 201/956-3377

** Of the deaths included in the HCFA model, nearly 17% occurred after discharge from the Hospital. We can neither verify that these deaths in fact occurred nor can we verify the date of the death. As we reported last year, more than 25% of the deaths had errors in the reported date of death. We believe that errors in this data could affect our reported mortality rates.

** We carefully examined the medical records of the 38 patients who died within the severe acute heart disease category and noted the following:

- 23 of the 38 patients died as a clearly expected outcome of the disease process.
- All of the patients had multiple comorbidities and other pre-existing conditions such as acute renal failure, respiratory arrest, septicemia, coma and stroke.
- All of the patients had multi-system failure.
- 4 of the 38 patients had comorbidities which HCFA believes affect the probability of death, but their comorbidities were not taken into account by the model because only four comorbidities were considered. This data problem could well have affected the predicted range.
- 17 of the 38 were on respirators during the course of their admission.
- 5 of the patients had "no code" orders placed on them during their stay.

In summary, we found that each of these patients received the normal standard of care required by their individual conditions; however, due to various disease processes and multi-system failure, they expired despite our best efforts.

Wayne General Hospital operates an extensive Quality Assurance Program. The goal of this program is to identify potential patient care concerns and solve them before they negatively affect the care of patients. As a part of this process, all patient care departments in the Hospital monitor the quality of their work on an ongoing basis. Every in-hospital death is reviewed. Any death which is unexpected is thoroughly reviewed and discussed fully by the appropriate medical department. This ongoing mortality review is only a small part of the overall quality assurance program at Wayne General Hospital.

Inquiries regarding the HCFA mortality data or statements made in this commentary may be directed to Richard Jones (201) 956-3305.

WEST HUDSON HOSP

206 BERGEN AVE
KEARNY, NJ 07032

Medicare Hospital Provider Number: 310042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,566	12	9 - 14	1,624	12	10 - 15
Cancer	60	37	28 - 56	50	34	29 - 58
Cerebrovascular Accidents	68	28	17 - 40	63	24	16 - 39
Gastrointestinal Catastrophes	14	14	12 - 54	17	24	12 - 55
Infectious Disease	17	35	16 - 61	32	31	21 - 56
Metabolic/Electrolyte Disorders	21	19	14 - 52	46	26	13 - 43
Pulmonary Disease	65	26	16 - 39	77	26	17 - 39
Renal Failure	2	100	11 - 97	6	50	9 - 81
Severe Acute Heart Disease	50	50	23 - 52	58	50	28 - 54
Severe Chronic Heart Disease	98	18	13 - 30	131	18	15 - 30
Severe Trauma	1	0	2 - 97	2	0	7 - 91
Gastrointestinal Disease	129	0	2 - 6	119	2	1 - 8
Gynecologic Disease	8	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	277	5	2 - 8	264	1	2 - 6
Musculoskeletal/Skin Conditions	148	4	1 - 10	154	5	1 - 10
Neuropsychiatric/Sensory Disease	28	4	0 - 69	30	0	0 - 33
Urologic Disease	99	2	0 - 12	84	0	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	218
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	131
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	117
Licensed Practical Nurses:	42

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WEST HUDSON HOSPITAL 206 BERGEN AVENUE • KEARNY, NJ 07032 • (201) 955-700

ROBERT F. MAGULLIAN
Chairman
Board of Governors

FRANK P. SMILARI
Chief Executive Officer

October 13, 1988

Attention: Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Attached is a list of corrections to our hospital characteristics and also corrections of errors in dates of death.

Also attached are comments concerning the Mortality Information. Our main concern is that the public and the news media will misinterpret the data when it is released and the data will be used as the only measure for determining quality of care of a hospital.

Sincerely,

Harriette Hart

Harriette Hart
Assistant Administrator
Health Information Services

In reviewing the data, the statistics do not reflect the severity of the cases involved.

As an example under GI Catastrophes we have a case where the following diagnoses show the severity of the case: -- Perforation intestines, CA transverse colon. Vascular insufficiency intestine, peritonitis, Intestinal obstruction, Acute post hemorrhagic anemia, post inflammatory pulmonary fibrosis. Uncontrolled diabetes and ASHD. The following procedures were performed: Partial excision large intestine. Ileostomy, Colostomy, Peritoneal dialysis, Swan-Ganz catheterization, Right heart cardiac catheterization, Blood transfusions and Insertion ET tube. This was a 70 year old female.

Under renal failure we have two cases and both expired. One patient was 92 years of age and the other was 98 years of age. The first patient had acute renal failure, acute respiratory failure, Dehydration, Metabolic Acidosis, Respiratory acidosis, Atelectasis left lung. The patient was on a respirator, had venous catheterization and gastric gavage. The 2nd patient had acute renal failure with azotemia, acute cardio-respiratory arrest, electrolyte imbalance, acidosis. He was transfused with packed cells. The family requested no heroics or extraordinary means of life preservation.

We have monthly mortality conferences where all deaths are reviewed. In these conferences all diagnoses and procedures are reviewed in each case and meaningful educational and quality of care data is produced.

Unfortunately the general public receives the HCFA statistics and is not aware of the multiple diagnoses and procedures which are present in most of the cases.

Hospital ID: 310042
West Hudson Hospital, 206 Bergen Avenue, Kearny, New Jersey 07032

WEST JERSEY HOSP-COMBINED DIVISIONS

MT EPHRAIM ATLANTIC AVES
CAMDEN, NJ 08104

Medicare Hospital Provider Number: 310022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,901	12	9 - 13	5,649	13	10 - 14
Cancer	205	39	30 - 50	193	43	34 - 53
Cerebrovascular Accidents	183	31	19 - 35	221	31	20 - 35
Gastrointestinal Catastrophes	49	41	23 - 55	51	41	21 - 53
Infectious Disease	58	36	20 - 49	64	55	25 - 54
Metabolic/Electrolyte Disorders	130	32	16 - 40	151	24	15 - 37
Pulmonary Disease	281	31	20 - 35	217	29	17 - 34
Renal Failure	12	42	12 - 73	17	41	15 - 72
Severe Acute Heart Disease	190	33	29 - 45	191	38	29 - 46
Severe Chronic Heart Disease	334	23	18 - 29	317	28	17 - 29
Severe Trauma	7	43	5 - 72	4	0	8 - 73
Gastrointestinal Disease	551	4	1 - 6	504	3	1 - 6
Gynecologic Disease	48	0	0 - 98	40	0	0 - 59
Low-Risk Heart Disease	712	3	2 - 5	691	3	2 - 5
Musculoskeletal/Skin Conditions	564	3	1 - 5	579	3	1 - 5
Neuropsychiatric/Sensory Disease	136	1	1 - 8	177	1	1 - 6
Urologic Disease	335	1	0 - 5	250	1	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	657
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	4
Registered Nurses:	100
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

West Jersey Health System

Medicare Provider No: 310022

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We appreciate the opportunity to comment on the information regarding mortality rates of Medicare patients admitted to our four (4) hospitals in 1987, and request that any information released to the public include the following comments.

Our analysis of the detailed information provided on individual patients indicates that discrepancies still remain regarding date of death. In some cases the HCFA date of death is different than our patient records show.

The major discrepancy we noted, however, was in the hospital characteristics section of the report. Our review of the American Hospital Association's 1987 Annual Survey of Hospitals indicates the following information should be included on the report:

Beds (#): 769 Ownership: Non-profit
Interns and residents per bed: 0.03
Registered Nurses per bed: 0.76
Licensed Practical Nurses per bed: 0.22

We caution the public, press and policy-makers against making the assumption that death rates alone can be used to measure the quality of care provided in hospitals. The primary use of these statistics should be as a trigger to focus review efforts and further refine quality assurance and physician review activities. We will incorporate this information into our existing ongoing Quality Assurance Program which includes review of every death occuring in the hospital.

Sincerely,

Stephen Colameco, M.D.
Executive Vice-President

West Jersey Health System
Corporate Offices
Mt. Ephraim & Atlantic Avenues
Camden, NJ 08104
(609) 342-4600

West Jersey Hospital-Camden
Mt. Ephraim & Atlantic Avenues
Camden, NJ 08104
(609) 342-4000

West Jersey Hospital-Berlin
White Horse Pike &
Townsend Avenue
Berlin, NJ 08009
(609) 768-6000

West Jersey Hospital-Voorhees
101 Carnie Boulevard
Voorhees, NJ 08043
(609) 772-5000

West Jersey Hospital-Marlton
Rt. 73 & Brick Road
Marlton, NJ 08053
(609) 596-3500

WILLIAM B KESSLER MEM HOSP

WHITE HORSE PIKE AT CENTRAL AV
HAMMONTON, NJ 08037

Medicare Hospital Provider Number: 310088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,012	10	10 - 15	1,009	13	10 - 15
Cancer	14	29	19 - 66	19	58	20 - 64
Cerebrovascular Accidents	29	24	13 - 45	43	37	16 - 46
Gastrointestinal Catastrophes	6	50	5 - 75	1	0	0 - 97
Infectious Disease	13	54	14 - 65	19	26	15 - 57
Metabolic/Electrolyte Disorders	22	50	16 - 59	19	32	13 - 57
Pulmonary Disease	47	34	16 - 45	48	40	17 - 46
Renal Failure	5	20	12 - 82	2	50	5 -100
Severe Acute Heart Disease	38	16	25 - 50	37	22	28 - 56
Severe Chronic Heart Disease	95	17	16 - 33	78	24	17 - 38
Severe Trauma	1	100	3 - 98	4	0	7 - 72
Gastrointestinal Disease	92	2	1 - 10	99	3	1 - 11
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	130	1	2 - 7	163	3	1 - 8
Musculoskeletal/Skin Conditions	103	3	1 - 10	104	2	0 - 10
Neuropsychiatric/Sensory Disease	21	5	0 - 94	26	0	0 - 50
Urologic Disease	55	0	0 - 24	38	5	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

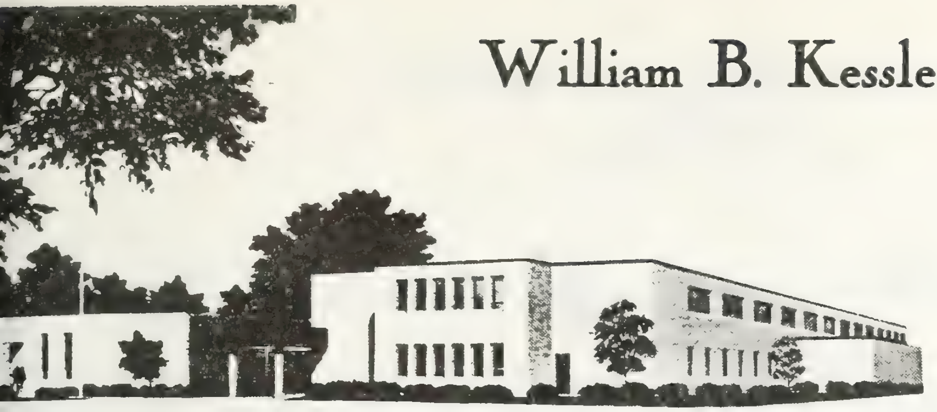
Total Beds (#): 111
Occupancy Rate (%): 80
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 95
Percent of Physicians Who Are Board Certified Specialists: 60
Interns and Residents: 0
Registered Nurses: 88
Licensed Practical Nurses: 48

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No



William B. Kessler Memorial Hospital

WHITE HORSE PIKE AT CENTRAL
HAMMONTON, N.J. 08037

609 • 561-6700

ACCREDITED BY THE
JOINT COMMISSION
ON
ACCREDITATION OF HOSPITALS

October 20, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

William B. Kessler Memorial Hospital has reviewed the 1987 Medicare patient mortality statistics published by the Health Care Financing Administration. Only for the diagnostic category "severe trauma" are HCFA's statistical analysis questioned.

In 1987, there was one Medicare patient assigned a severe trauma diagnosis. This was a [redacted] year old female who suffered from leukemia and had experienced several prior cardiovascular accidents. She presented with blood accumulation in the skull. The attending physican supposed the patient had fallen at home causing head injury. However, her condition may also have been a result of multiple CVA's.

There can be no argument that one patient cannot constitute a population which can be statistically analyzed. If this patient had survived, the mortality rate for this diagnosis would have been 0%. The patient having died, the mortality rate for this diagnosis was determined to be 100%. Again, no meaningful analysis is possible.

This patient was very elderly and in poor physical health. Her survival under any circumstances was doubtful. No conclusion can be drawn about the quality of care rendered at William B. Kessler Memorial Hospital on the basis of this one mortality.

Thank you for the opportunity to comment on HCFA's 1987 mortality report.

Sincerely,

Warren E. Gager
Chief Executive Officer

WEG/llo
cc: Anna C. Bertino, President, Board of Directors
Lorraine Donovan, Director, Public Relations
Carol Effinger, Director, Medical Records

ZURBRUGG MEM HOSP - RANCOCAS VALLEY

SUNSET RD
WILLINGBORO, NJ 08046

Medicare Hospital Provider Number: 310061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,461	12	11 - 16	1,375	12	11 - 16
Cancer	61	36	30 - 58	56	38	30 - 59
Cerebrovascular Accidents	68	21	16 - 37	59	20	18 - 40
Gastrointestinal Catastrophes	12	58	14 - 67	18	39	13 - 59
Infectious Disease	31	29	20 - 55	17	29	17 - 61
Metabolic/Electrolyte Disorders	27	37	16 - 55	34	29	15 - 49
Pulmonary Disease	60	22	15 - 38	43	26	12 - 41
Renal Failure	4	25	10 - 86	5	60	19 - 95
Severe Acute Heart Disease	53	36	24 - 51	53	43	24 - 52
Severe Chronic Heart Disease	115	17	17 - 33	103	24	17 - 35
Severe Trauma	1	100	1 - 97	1	0	0 - 98
Gastrointestinal Disease	106	4	1 - 12	97	3	1 - 11
Gynecologic Disease	12	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	179	3	1 - 8	178	2	2 - 7
Musculoskeletal/Skin Conditions	105	2	1 - 9	120	2	1 - 8
Neuropsychiatric/Sensory Disease	80	2	0 - 22	79	0	1 - 7
Urologic Disease	63	2	0 - 15	53	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	318
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	142
Licensed Practical Nurses:	57

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ZURBRUGG MEMORIAL HOSP

TAYLOR ST
RIVERSIDE, NJ 08075

Medicare Hospital Provider Number: 310056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	919	15	10 - 16	926	14	10 - 16
Cancer	22	27	19 - 57	17	35	16 - 61
Cerebrovascular Accidents	46	15	17 - 40	60	35	17 - 42
Gastrointestinal Catastrophes	8	0	11 - 54	8	63	16 - 77
Infectious Disease	14	36	10 - 60	10	30	15 - 69
Metabolic/Electrolyte Disorders	19	42	21 - 66	12	33	7 - 60
Pulmonary Disease	46	28	12 - 40	44	34	14 - 44
Renal Failure	1	100	2 - 97	4	50	5 - 85
Severe Acute Heart Disease	58	53	27 - 54	46	26	25 - 52
Severe Chronic Heart Disease	54	33	12 - 38	72	28	14 - 36
Severe Trauma	2	0	3 - 88	0	-	-
Gastrointestinal Disease	77	1	1 - 10	72	3	1 - 13
Gynecologic Disease	10	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	132	4	1 - 10	110	5	1 - 12
Musculoskeletal/Skin Conditions	66	8	0 - 30	69	0	1 - 8
Neuropsychiatric/Sensory Disease	29	10	0 - 79	24	0	0 - 32
Urologic Disease	36	6	0 - 33	35	3	0 - 74

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 173
Ownership/Control: Private, Non-profit

STAFFING

Interns and Residents: 0
Registered Nurses: 54
Licensed Practical Nurses: 31

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: Yes

A BARTON HEPBURN HOSP

214 KING ST
OGDENSBURG, NY 13669

Medicare Hospital Provider Number: 330211

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,071	13	9 - 14	1,104	11	8 - 14
Cancer	24	54	23 - 63	27	48	24 - 62
Cerebrovascular Accidents	28	21	12 - 44	34	35	10 - 43
Gastrointestinal Catastrophes	12	33	15 - 67	6	50	9 - 77
Infectious Disease	13	69	16 - 65	8	0	17 - 59
Metabolic/Electrolyte Disorders	19	37	9 - 54	17	24	11 - 54
Pulmonary Disease	58	36	14 - 40	58	29	15 - 40
Renal Failure	3	100	8 - 84	3	33	3 - 87
Severe Acute Heart Disease	40	35	25 - 56	38	18	25 - 52
Severe Chronic Heart Disease	56	13	13 - 32	56	27	14 - 39
Severe Trauma	0	-	-	3	67	1 - 88
Gastrointestinal Disease	82	4	1 - 13	87	7	1 - 16
Gynecologic Disease	12	8	0 -100	12	0	0 -100
Low-Risk Heart Disease	68	6	1 - 18	81	6	1 - 17
Musculoskeletal/Skin Conditions	95	1	1 - 8	96	2	0 - 11
Neuropsychiatric/Sensory Disease	112	0	1 - 6	110	1	0 - 9
Urologic Disease	77	0	0 - 9	75	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	121
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	29
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	76
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

A LINDSAY OLIVE B OCONNOR HOSP INC

ANDES RD BOX 205A
DELHI, NY 13753

Medicare Hospital Provider Number: 330291

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	305	13	12 - 20	370	14	12 - 20
Cancer	5	80	24 - 91	4	100	29 - 96
Cerebrovascular Accidents	5	60	4 - 77	8	25	8 - 66
Gastrointestinal Catastrophes	6	33	12 - 78	1	0	2 - 97
Infectious Disease	9	11	18 - 66	5	60	15 - 86
Metabolic/Electrolyte Disorders	8	25	5 - 66	18	28	11 - 55
Pulmonary Disease	34	32	14 - 47	56	27	19 - 44
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	40	14 - 85	10	60	14 - 70
Severe Chronic Heart Disease	14	7	12 - 47	22	14	16 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	3	0 - 22	51	2	1 - 14
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	42	2	1 - 18	45	7	1 - 24
Musculoskeletal/Skin Conditions	16	0	1 - 33	27	4	0 - 37
Neuropsychiatric/Sensory Disease	7	0	0 -100	11	0	0 - 96
Urologic Disease	13	0	0 - 93	6	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 30
Occupancy Rate (%): 73
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 11
Percent of Physicians Who Are Board Certified Specialists: 27
Interns and Residents: 0
Registered Nurses: 16
Licensed Practical Nurses: 19

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

A O FOX MEMORIAL HOSP

ONE NORTON AVE
ONEONTA, NY 13820

Medicare Hospital Provider Number: 330085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,318	11	10 - 15	1,192	12	10 - 16
Cancer	44	55	24 - 55	42	48	26 - 59
Cerebrovascular Accidents	35	20	18 - 45	38	24	18 - 46
Gastrointestinal Catastrophes	10	30	9 - 64	10	20	18 - 70
Infectious Disease	24	25	20 - 57	17	29	20 - 64
Metabolic/Electrolyte Disorders	14	21	9 - 55	15	13	9 - 50
Pulmonary Disease	78	21	20 - 41	64	30	13 - 38
Renal Failure	7	43	16 - 85	4	75	14 - 90
Severe Acute Heart Disease	47	43	26 - 55	40	42	25 - 56
Severe Chronic Heart Disease	64	28	14 - 37	69	32	15 - 38
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	105	3	1 - 10	94	4	2 - 12
Gynecologic Disease	4	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	160	3	2 - 8	115	3	2 - 9
Musculoskeletal/Skin Conditions	174	1	1 - 6	180	3	1 - 8
Neuropsychiatric/Sensory Disease	23	0	1 - 22	27	4	0 - 46
Urologic Disease	70	1	0 - 16	51	2	0 - 18

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	242
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	59
Percent of Physicians Who Are Board Certified Specialists:	54
Interns and Residents:	0
Registered Nurses:	67
Licensed Practical Nurses:	64

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

A.O. FOX
MEMORIAL HOSPITAL

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Comments on HCFA Mortality Data

Medicare Provider # 33-0085

One ofour major concerns with the mortality data released by HCFA affects hospitals with lower numbers of discharges and deaths. The populations depicted are small enough that the changes between 1986 and 1987 are not statistically significant. In one instance a percentage change of 7 percent actually represents only four deaths. In releasing the data, HCFA has the responsibity of cautioning the public that great care must be taken not to draw implications from changes that are not statistically significant.

We would also emphasize, as we did last year, that the HCFA data are not, in themselves, a measure of the quality of care in a hospital. At best, the data can be used to assist in focusing hospital quality assurance activities. Such data cannot be used directly as a measure of hospital performance or for making comparisons among/between hospitals. This type of statistical analysis can do no more than identify potential areas for further evaluation.

Sincerely,

Charles F. Fahd

Charles F. Fahd II
Interim Administrator

CFF:RRN:bab

ADIRONDACK REGIONAL HOSP

200 SMITH DR
CORINTH, NY 12822

Medicare Hospital Provider Number: 330351

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	222	9	11 - 19	212	8	9 - 18
Cancer	9	78	23 - 76	8	50	15 - 76
Cerebrovascular Accidents	6	17	5 - 68	7	14	5 - 63
Gastrointestinal Catastrophes	2	50	2 - 92	5	40	10 - 81
Infectious Disease	7	43	11 - 75	4	25	4 - 80
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	17	18	15 - 53	12	8	12 - 52
Renal Failure	0	-	-	1	100	0 -100
Severe Acute Heart Disease	12	0	29 - 59	6	67	14 - 79
Severe Chronic Heart Disease	9	0	10 - 47	13	8	7 - 45
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	26	0	0 - 38	17	0	0 - 74
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	38	3	1 - 18	55	0	1 - 9
Musculoskeletal/Skin Conditions	26	4	0 - 49	9	0	0 - 98
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	0	0 -100
Urologic Disease	9	0	0 - 82	3	33	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	50
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ALBANY MED CTR HOSP

NEW SCOTLAND AV
ALBANY, NY 12208

Medicare Hospital Provider Number: 330013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,675	11	9 - 13	2,886	11	10 - 14
Cancer	120	23	29 - 50	156	22	30 - 49
Cerebrovascular Accidents	87	29	16 - 36	108	28	17 - 36
Gastrointestinal Catastrophes	26	42	20 - 60	29	17	18 - 52
Infectious Disease	26	27	22 - 59	23	26	17 - 56
Metabolic/Electrolyte Disorders	17	35	11 - 57	21	29	9 - 51
Pulmonary Disease	88	22	16 - 36	89	25	16 - 37
Renal Failure	64	17	6 - 52	74	11	5 - 53
Severe Acute Heart Disease	102	36	25 - 46	98	42	27 - 49
Severe Chronic Heart Disease	70	24	15 - 36	83	29	18 - 38
Severe Trauma	20	40	10 - 55	15	40	8 - 59
Gastrointestinal Disease	112	4	1 - 11	115	4	1 - 11
Gynecologic Disease	23	0	0 -100	33	0	0 -100
Low-Risk Heart Disease	391	4	2 - 7	361	7	2 - 8
Musculoskeletal/Skin Conditions	260	1	1 - 5	300	2	1 - 6
Neuropsychiatric/Sensory Disease	140	2	0 - 9	181	4	0 - 10
Urologic Disease	89	0	0 - 7	96	2	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	654
Occupancy Rate (%):	84
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	712
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

ALBANY MEDICAL CENTER ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY • ALBANY MEDICAL CENTER HOSPITAL

Ian H. Porter, M.D. I-309

October 20, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have received the 1987 HCFA mortality data and have prepared the following response. Please include this statement in the publication of HCFA mortality data.

> Our review of 1987 HCFA mortality data does not reveal any unusual patterns associated with tertiary care services offered at Albany Medical Center Hospital. We serve a patient population for a 24 county, tri-state region, concentrating on complex procedures and treatments that are only available in major metropolitan areas.
>
> The HCFA mortality rates for our facility did not exceed the predicted mortality range in any of the sixteen diagnostic categories, for the second consecutive year. Verification of data within one specific category did produce a discrepancy between the total number of cases reported from HCFA and those identified from the hospital's data base. The additional cases from the hospital data base could result in variance to the actual and predicted mortality statistics for that category.
>
> As the search for appropriate and valid statistical norms continues to develop, we will continue to pursue the highest quality of patient care for our unique services.

Thank you.

Sincerely,

Ian H. Porter

Ian H. Porter, MD
Medical Director

RESPONSE TO HCFA RE: MORTALITY DATA, 1986

A review of the 1986 mortality data prepared by the Health Care Financing Administration shows Albany Medical Center Hospital's mortality rates to be within or below predicted ranges in 15 of 16 diagnostic categories. In the sixteenth category, "Low-Risk Heart Disease", AMCH's mortality rate is 1% above the range which is not statistically signifiant. Included in the category of "Low-Risk Heart Disease" are patients whose principal diagnoses include among others: chronic rheumatic disease; hypertension; acute and chronic forms of angina; pulmonary emoblus; pericarditis and endocarditis. For AMCH, a regional referral center for patients with heart disease including those requiring open heart surgery, this category of patients is in fact, high-risk. This category of mortalities include patients whose average age was 74, 35% of whom had open heart surgery, 39% of whom were referred to AMCH by other hospitals or physicians and 32% of whom the patients requested the hospital staff not resustitate them if cardiac arrest were to occur.

AMCH, as a referral center which is able to provide both technology and expertise not available elsewhere in the region, by its very nature selects out a population of patients who will be at higher risk than patients with similiar problems treated elsewhere.

Prepared October 19, 1987
Janet L. Crilly

ALBERT LINDLEY LEE MEMORIAL HOSP

500 S FOURTH ST
FULTON, NY 13069

Medicare Hospital Provider Number: 330075

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	525	15	11 - 18	589	11	9 - 16
Cancer	12	100	37 - 68	9	44	19 - 77
Cerebrovascular Accidents	22	23	14 - 50	29	14	18 - 45
Gastrointestinal Catastrophes	1	0	0 - 98	4	0	16 - 80
Infectious Disease	7	29	12 - 74	3	0	11 - 84
Metabolic/Electrolyte Disorders	14	14	4 - 50	22	18	16 - 52
Pulmonary Disease	25	28	16 - 52	30	33	10 - 45
Renal Failure	3	67	11 - 93	0	-	-
Severe Acute Heart Disease	31	35	18 - 53	17	29	23 - 65
Severe Chronic Heart Disease	51	18	13 - 36	38	29	12 - 42
Severe Trauma	0	-	-	2	50	2 - 92
Gastrointestinal Disease	29	7	0 - 50	38	5	0 - 29
Gynecologic Disease	11	9	0 -100	9	0	0 -100
Low-Risk Heart Disease	80	6	1 - 15	68	3	1 - 15
Musculoskeletal/Skin Conditions	46	0	0 - 14	73	0	1 - 8
Neuropsychiatric/Sensory Disease	4	0	0 -100	23	0	0 - 61
Urologic Disease	12	0	0 - 99	25	4	0 - 39

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	67
Occupancy Rate (%):	66
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	21
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	49
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

A.L.Lee Memorial Hospital

510 South Fourth St. • Fulton, N. Y. 13069-2994
Telephone (315)592-2224

October 21, 1988

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: HCFA Mortality Data 1987
Medicare Provider No. 33-0075

Dear Mr. Sisto:

The data used by HCFA indicates that a total of 78 Medicare patients admitted to A. L. Lee Memorial died within 30 days of admission. Of the 78 deaths, 59 occurred while the patient was still hospitalized and 19 occurred after discharge.

Our own records indicate that we had a total of 934 Medicare Admissions. Of the 78 patients that died within thirty days of admission to the hospital, 26 patients had two or more admissions.

Of the 59 patients that died within thirty days of admission to the hospital, 50 were patients on DNR Status. Five patients were on ALC (Alternate Level of Care) and there were five patients that were both DNR and ALC. Four patients were on neither DNR or ALC status.

Nineteen patients were still alive at the time of discharge from the hospital. Three of those patients were on DNR status at the time of discharge, six patients were on ALC, and one patient was on DNR and AlC status at the time of discharge. Nine patients were on neither DNR or ALC status.

For the diagnostic category for Cancer, our actual mortality rate was 100%. The predicted range is 37-68%. There were a total of 12 patients admitted in this category for 1987. All of these patients expired within thirty days. Eleven of the twelve patients were on DNR Status at the time of their death. Five patients had multiple admissions. Three patients were admitted for comfort care. One patient was discharged to a nursing home. Eleven of the twelve patients were end stage as demonstrated by the DNR status.

In the diagnostic category for Renal Failure, our mortality rate was 67%. The predicted range was 11-93%. We had a total of three admissions in this category. Of the two patients that expired within 30 days of admission, both were DNR Status and both had multiple admissions. Both appeared to be in the end stage of the disease process and death seemed expected.

In reviewing the other categories, the actual mortality rates fall within the range of predicted mortality rates. In most categories, the A. L. Lee Memorial Hospital actual rate is in the lower half of the range of predicted mortalities.

Sincerely,

Dennis A. Casey

Dennis A. Casey,
Executive Director

DAC/bt

ALICE HYDE MEMORIAL HOSP

115 PARK ST
MALONE, NY 12953

Medicare Hospital Provider Number: 330084

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	829	9	8 - 14	768	12	9 - 15
Cancer	23	70	27 - 65	24	75	25 - 62
Cerebrovascular Accidents	30	20	19 - 48	28	29	15 - 49
Gastrointestinal Catastrophes	4	50	5 - 83	3	0	3 - 79
Infectious Disease	5	20	8 - 75	2	50	5 - 93
Metabolic/Electrolyte Disorders	4	0	1 - 74	7	29	1 - 73
Pulmonary Disease	35	29	10 - 42	28	18	9 - 41
Renal Failure	2	100	3 - 89	3	67	6 - 89
Severe Acute Heart Disease	25	36	21 - 58	27	37	19 - 55
Severe Chronic Heart Disease	42	26	15 - 43	42	31	14 - 42
Severe Trauma	0	-	-	1	0	2 - 98
Gastrointestinal Disease	79	3	1 - 12	67	3	1 - 15
Gynecologic Disease	9	0	0 -100	9	11	0 -100
Low-Risk Heart Disease	83	2	1 - 11	75	0	2 - 8
Musculoskeletal/Skin Conditions	73	0	1 - 8	64	3	0 - 21
Neuropsychiatric/Sensory Disease	34	6	0 - 37	25	4	0 - 57
Urologic Disease	58	0	0 - 15	50	2	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	155
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	20
Percent of Physicians Who Are Board Certified Specialists:	45
Interns and Residents:	0
Registered Nurses:	48
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AMSTERDAM MEMORIAL HOSP

UPPER MARKET ST
AMSTERDAM, NY 12010

Medicare Hospital Provider Number: 330010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	885	12	10 - 15	944	11	10 - 15
Cancer	25	52	26 - 66	19	53	27 - 71
Cerebrovascular Accidents	43	26	20 - 47	36	19	17 - 44
Gastrointestinal Catastrophes	5	40	7 - 79	5	20	10 - 77
Infectious Disease	4	0	11 - 75	5	0	8 - 66
Metabolic/Electrolyte Disorders	10	30	7 - 63	11	27	8 - 61
Pulmonary Disease	58	22	17 - 41	57	30	17 - 43
Renal Failure	3	67	12 - 95	2	100	8 - 93
Severe Acute Heart Disease	34	38	21 - 54	54	35	25 - 52
Severe Chronic Heart Disease	52	27	14 - 39	60	23	13 - 36
Severe Trauma	0	-	-	1	100	0 - 98
Gastrointestinal Disease	94	2	1 - 10	83	2	1 - 11
Gynecologic Disease	10	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	120	2	2 - 9	133	4	1 - 10
Musculoskeletal/Skin Conditions	107	5	1 - 12	98	1	1 - 8
Neuropsychiatric/Sensory Disease	18	6	0 - 65	18	6	0 - 77
Urologic Disease	31	3	0 - 98	48	0	0 - 36

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	176
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	46
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ARDEN HILL HOSP

HARRIMAN DRIVE
GOSHEN, NY 10924

Medicare Hospital Provider Number: 330126

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,086	15	11 - 17	1,139	16	12 - 18
Cancer	34	47	30 - 65	39	44	29 - 62
Cerebrovascular Accidents	56	27	17 - 42	48	42	16 - 45
Gastrointestinal Catastrophes	8	38	9 - 71	12	25	15 - 65
Infectious Disease	24	42	17 - 57	23	30	18 - 58
Metabolic/Electrolyte Disorders	20	20	6 - 47	19	42	10 - 56
Pulmonary Disease	94	24	16 - 36	130	32	19 - 39
Renal Failure	3	67	12 - 96	8	63	16 - 82
Severe Acute Heart Disease	66	36	26 - 51	41	44	25 - 56
Severe Chronic Heart Disease	53	32	13 - 39	52	27	15 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	83	4	0 - 15	77	3	1 - 12
Gynecologic Disease	3	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	137	3	1 - 9	116	3	2 - 9
Musculoskeletal/Skin Conditions	90	1	0 - 9	79	3	0 - 14
Neuropsychiatric/Sensory Disease	58	0	0 - 12	80	1	0 - 14
Urologic Disease	28	0	0 - 50	42	5	0 - 50

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	165
Occupancy Rate (%):	89
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	104
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	133
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ARNOLD GREGORY MEMORIAL HOSP

243 SOUTH MAIN ST
ALBION, NY 14411

Medicare Hospital Provider Number: 330165

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	289	14	9 - 18	286	18	9 - 19
Cancer	5	80	8 - 75	2	100	9 - 93
Cerebrovascular Accidents	15	13	8 - 47	19	37	12 - 54
Gastrointestinal Catastrophes	3	33	9 - 90	4	100	12 - 76
Infectious Disease	3	67	5 - 87	4	50	5 - 82
Metabolic/Electrolyte Disorders	4	25	1 - 82	5	0	1 - 75
Pulmonary Disease	24	25	13 - 49	26	27	10 - 46
Renal Failure	0	-	-	5	60	8 - 83
Severe Acute Heart Disease	16	38	16 - 61	23	30	22 - 60
Severe Chronic Heart Disease	17	35	10 - 54	13	23	6 - 53
Severe Trauma	1	100	2 - 97	2	50	2 - 92
Gastrointestinal Disease	14	7	0 - 72	18	0	0 - 62
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	45	2	0 - 22	41	5	0 - 29
Musculoskeletal/Skin Conditions	12	0	0 - 46	23	9	0 - 99
Neuropsychiatric/Sensory Disease	5	0	0 -100	5	40	0 -100
Urologic Disease	10	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	76
Occupancy Rate (%):	66
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	15
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	30
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ARNOT OGDEN MEMORIAL HOSP

ROE AVE GROVE ST
ELMIRA, NY 14901

Medicare Hospital Provider Number: 330090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,379	10	10 - 14	2,166	10	10 - 14
Cancer	93	39	31 - 55	84	35	31 - 55
Cerebrovascular Accidents	69	25	17 - 39	51	31	17 - 43
Gastrointestinal Catastrophes	16	31	17 - 64	16	38	18 - 65
Infectious Disease	24	29	16 - 55	24	38	18 - 58
Metabolic/Electrolyte Disorders	24	21	17 - 53	21	5	8 - 38
Pulmonary Disease	94	17	15 - 34	93	17	17 - 36
Renal Failure	9	22	15 - 76	19	42	17 - 73
Severe Acute Heart Disease	86	37	28 - 50	102	29	30 - 50
Severe Chronic Heart Disease	112	29	15 - 33	86	20	16 - 35
Severe Trauma	7	29	5 - 70	4	25	3 - 80
Gastrointestinal Disease	137	1	1 - 7	148	3	1 - 8
Gynecologic Disease	20	0	0 - 97	21	0	0 -100
Low-Risk Heart Disease	495	3	2 - 6	369	4	2 - 7
Musculoskeletal/Skin Conditions	227	4	1 - 7	200	1	1 - 6
Neuropsychiatric/Sensory Disease	83	1	1 - 10	160	1	0 - 6
Urologic Disease	69	1	0 - 18	45	0	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 276
Occupancy Rate (%): 87
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 158
Percent of Physicians Who Are Board Certified Specialists: 80
Interns and Residents: 0
Registered Nurses: 294
Licensed Practical Nurses: 20

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ARNOT
OGDEN
Memorial Hospital

Helping your doctor
care for you

MEDICARE PROVIDER
NUMBER: 330090

October 17, 1988

Sandra Kappert
Health Care Financing Administraiton
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Medicare Hospital
Mortality Information
Hospital ID: 330090
Arnot-Ogden Memorial Hosp.
Roe Avenue
Elmira, New York 14905

Dear Ms. Kappert:

We offer the following comments on the report.

We are pleased that our figures remain favorable. The following are corrections in "Hospital Characteristics":

Beds:	256
Total No. of Physicians:	182
% of physicians who are Board Certified specialists	85%
Registered Nurses per bed	1.23
Licensed Practical Nurses per bed	0.11

Specialty Services

Coronary care unit is combined with ICU
We do not have organ transplant service (although we supply organs to hospitals that do)
We do have hospice care.

Thank you for making these changes.

Yours truly,

Vincent J. DeRisio, M.D.
Vice President
Medical Affairs

VJD:ls

600 Roe Avenue
Elmira, NY 14905
(607) 737-4100

ASTORIA GENERAL HOSP

2510 30TH AVE
LONG ISLAND CITY, NY 11102

Medicare Hospital Provider Number: 330258

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,755	13	11 - 15	2,710	13	10 - 15
Cancer	123	41	32 - 54	110	49	33 - 56
Cerebrovascular Accidents	105	23	20 - 38	111	17	20 - 36
Gastrointestinal Catastrophes	35	37	25 - 60	33	24	17 - 51
Infectious Disease	47	40	24 - 55	29	48	22 - 60
Metabolic/Electrolyte Disorders	51	29	10 - 41	53	25	14 - 43
Pulmonary Disease	131	38	19 - 39	122	26	19 - 38
Renal Failure	9	33	14 - 77	6	33	11 - 81
Severe Acute Heart Disease	104	37	27 - 48	103	34	29 - 49
Severe Chronic Heart Disease	129	29	15 - 33	198	24	15 - 29
Severe Trauma	4	50	4 - 82	3	0	3 - 80
Gastrointestinal Disease	213	3	1 - 8	209	4	1 - 8
Gynecologic Disease	13	0	0 - 99	21	0	0 -100
Low-Risk Heart Disease	356	3	2 - 6	341	2	2 - 5
Musculoskeletal/Skin Conditions	239	2	1 - 6	287	2	1 - 5
Neuropsychiatric/Sensory Disease	140	2	0 - 9	99	1	0 - 10
Urologic Disease	153	2	0 - 11	141	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 235
Occupancy Rate (%): 89
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 351
Percent of Physicians Who Are Board Certified Specialists: 55
Interns and Residents: 0
Registered Nurses: 167
Licensed Practical Nurses: 24

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

AUBURN MEM HOSP

5-21 LANSING ST
AUBURN, NY 13021

Medicare Hospital Provider Number: 330235

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,287	11	11 - 15	2,269	14	11 - 15
Cancer	63	46	32 - 60	76	37	29 - 54
Cerebrovascular Accidents	93	31	19 - 39	105	33	19 - 38
Gastrointestinal Catastrophes	20	30	19 - 61	21	19	19 - 57
Infectious Disease	32	28	19 - 53	22	14	18 - 53
Metabolic/Electrolyte Disorders	60	12	13 - 38	40	35	15 - 49
Pulmonary Disease	145	23	19 - 36	138	23	18 - 36
Renal Failure	6	67	14 - 85	4	100	24 - 93
Severe Acute Heart Disease	87	30	26 - 48	100	41	29 - 50
Severe Chronic Heart Disease	168	29	18 - 33	122	35	17 - 35
Severe Trauma	1	0	0 - 99	1	100	1 - 97
Gastrointestinal Disease	199	5	2 - 9	216	4	2 - 8
Gynecologic Disease	26	0	0 -100	23	0	0 -100
Low-Risk Heart Disease	288	5	2 - 8	273	5	2 - 8
Musculoskeletal/Skin Conditions	206	1	1 - 6	209	3	1 - 7
Neuropsychiatric/Sensory Disease	72	3	0 - 15	68	1	0 - 13
Urologic Disease	80	1	0 - 11	61	2	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	266
Occupancy Rate (%):	80
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	72
Percent of Physicians Who Are Board Certified Specialists:	89
Interns and Residents:	0
Registered Nurses:	177
Licensed Practical Nurses:	100

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BAPTIST MEDICAL CENTER OF NEW YORK

2749 LINDEN BOULEVARD
BROOKLYN, NY 11208

Medicare Hospital Provider Number: 330050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	471	18	9 - 17	905	14	9 - 15
Cancer	4	50	7 - 83	13	31	18 - 67
Cerebrovascular Accidents	23	48	11 - 51	52	31	16 - 42
Gastrointestinal Catastrophes	2	0	3 - 88	9	11	9 - 59
Infectious Disease	12	42	18 - 70	16	31	18 - 64
Metabolic/Electrolyte Disorders	11	45	6 - 63	18	28	11 - 54
Pulmonary Disease	23	35	10 - 50	49	37	14 - 43
Renal Failure	6	50	11 - 82	3	67	6 - 88
Severe Acute Heart Disease	15	40	19 - 66	20	45	24 - 66
Severe Chronic Heart Disease	36	31	11 - 42	57	23	12 - 35
Severe Trauma	1	0	0 - 97	1	100	1 - 97
Gastrointestinal Disease	25	4	0 - 46	33	3	0 - 28
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	84	1	1 - 9	159	3	2 - 8
Musculoskeletal/Skin Conditions	40	5	0 - 55	107	3	1 - 10
Neuropsychiatric/Sensory Disease	12	17	0 -100	36	3	0 - 49
Urologic Disease	23	4	0 - 79	44	2	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	347
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

BAYLEY SETON HOSP

BAY ST & VANDERBILT AVE
STATEN ISLAND, NY 10304

Medicare Hospital Provider Number: 330381

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,029	10	9 - 14	799	9	8 - 13
Cancer	41	34	30 - 61	26	54	23 - 62
Cerebrovascular Accidents	17	47	8 - 55	17	12	13 - 48
Gastrointestinal Catastrophes	9	33	8 - 66	9	44	12 - 72
Infectious Disease	10	40	8 - 65	9	44	13 - 72
Metabolic/Electrolyte Disorders	14	14	8 - 51	7	14	4 - 64
Pulmonary Disease	66	30	14 - 38	43	14	10 - 34
Renal Failure	3	0	7 - 83	6	33	12 - 83
Severe Acute Heart Disease	29	24	21 - 53	22	55	18 - 59
Severe Chronic Heart Disease	49	29	12 - 38	32	19	9 - 38
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	63	0	1 - 9	29	3	0 - 54
Gynecologic Disease	5	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	126	4	2 - 10	93	2	1 - 10
Musculoskeletal/Skin Conditions	87	5	0 - 18	72	1	1 - 11
Neuropsychiatric/Sensory Disease	96	0	1 - 7	99	1	0 - 9
Urologic Disease	40	2	0 - 85	42	0	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 204
Occupancy Rate (%): 75
Ownership/Control: Church

STAFFING

Total Number of Physicians: 230
Percent of Physicians Who Are Board Certified Specialists: 63
Interns and Residents: 7
Registered Nurses: 157
Licensed Practical Nurses: 7

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

Medicare Provider Number 330381

COMMENTS ON THE HCFA 1987 MORTALITY STATISTICS FOR BAYLEY SETON HOSPITAL STATEN ISLAND, NEW YORK

The mortality rates listed for Bayley Seton Hospital were within the range of predicted mortality rates in all categories.

We recognize that an effort has been made this year to adjust certain diagnostic categories so that comparable cases are grouped together. However, no modifications have been made in the statistical model to reflect factors that would influence mortality following discharge totally unrelated to the care delivered to a patient. These include the severity of a patient's illness and condition of the patient upon admission; co-morbidities, that is conditions which a patient may have had in addition to the condition that necessitated his or her hospitalization; and other environmental factors.

As HCFA states in its correspondence which accompanied these statistics, "until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgements about the quality of care in an individual hospital or to make comparisons among hospitals."

Regarding the American Hospital Association Hospital Characteristics which accompany the mortality data, the number of beds listed, 138, refers to medical/surgical beds only; the total bed complement of Bayley Seton Hospital, including critical care, psychiatric and specialty beds is 204.

Also, in terms of specialty services, Bayley Seton is a participant in the hospice care program sponsored by the Sisters of Charity Health Care System of which Bayley Seton is a subsidairy. In addition, Bayley Seton maintains geriatric and oncology services which treat patients with a severity of illness and therefore in need of a more complex and intensive level of care.

BELLEVUE HOSP CENTER

1ST AVE 27TH ST
NEW YORK, NY 10016

Medicare Hospital Provider Number: 330204

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,522	10	8 - 13	1,550	12	9 - 14
Cancer	54	28	29 - 56	71	35	29 - 55
Cerebrovascular Accidents	50	34	12 - 39	55	33	14 - 40
Gastrointestinal Catastrophes	27	48	17 - 57	26	23	13 - 50
Infectious Disease	9	78	12 - 67	19	58	15 - 60
Metabolic/Electrolyte Disorders	15	7	4 - 43	12	8	5 - 49
Pulmonary Disease	62	13	13 - 33	73	19	13 - 35
Renal Failure	17	29	5 - 63	9	0	8 - 61
Severe Acute Heart Disease	73	52	27 - 51	66	67	25 - 50
Severe Chronic Heart Disease	64	13	12 - 30	66	5	15 - 29
Severe Trauma	5	20	6 - 75	12	33	6 - 61
Gastrointestinal Disease	69	1	1 - 12	53	4	1 - 18
Gynecologic Disease	19	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	140	4	1 - 9	136	8	1 - 14
Musculoskeletal/Skin Conditions	167	2	1 - 7	168	2	0 - 8
Neuropsychiatric/Sensory Disease	123	1	1 - 7	163	1	0 - 7
Urologic Disease	73	0	0 - 15	63	0	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	1,158
Occupancy Rate (%):	84
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1,598
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	416
Registered Nurses:	915
Licensed Practical Nurses:	141

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BELLEVUE
HOSPITAL CENTER
New York City
Health and Hospitals
Corporation

First Avenue
and 27th Street
New York, N.Y. 10016

1987 MEDICARE HOSPITAL MORTALITY INFORMATION

Provider #330204

BELLEVUE HOSPITAL CENTER

Bellevue, the oldest public hospital in the country, has an international reputation as one of the most complete medical centers in the world. Bellevue is a Certified Heart Station, a Trauma center for head and spinal cord injuries and a major receiving center for reimplantation of severed limbs. Bellevue treats over 27,000 inpatients annually, most are Medicaid recipients (60%). Only 15% of its patients have Medicare. 90% of these patients are poor and 50% are nonwhite. The average number of secondary diagnoses for Bellevue Medicare patients is 4.3 and 93% of these patients are designated as emergent priorities.

HCFA's study of Medicare mortality rates is based entirely on computer analysis of billing information and does not include any medical chart review to determine if deaths are due to errors in medical care or to extenuating factors specific to the patients served by a particular hospital. HCFA's methodology omits critical factors that would better predict mortality rates such as severity of illness, race, socioeconomic status, and the effects of multiple underlying diseases on patient prognosis.

HCFA's results indicate that Bellevue's overall mortality rate falls within HCFA's overall predicted range and within the range in 14 of the 16 diagnostic categories.

There were 9 Medicare patients in the Infectious Disease category; seven of them died. HCFA's predicted mortality rate for this category was 12% to 67% or between 2 and 6 predicted deaths. Thus, Bellevue had, according to the HCFA predictions, one excess death due to infectious disease. Basing predictions of mortality on such small caseloads results in unreliable, unstable estimates.

Nevertheless, a complete review of the records of the seven patients was conducted. In no case did errors in medical care result in death. Infection played no detectable role in three of the seven cases, which might well have been classified in other categories. In two cases, the infections that prompted admission were controlled but complications related to other underlying systemic illnesses were the proximate causes of death. In a sixth case the patient's own disregard of medical advice contributed to the fatal outcome. In the last case the patient's death was the result of underlying immunodeficiency with failure to respond to appropriate therapy. Thus, if the three non-infectious cases were classified properly, Bellevue's mortality rate would be 4 of 6 or 67%, within HCFA's expected range.

The 1987 HCFA Medicare mortality rates also identify Bellevue as having a mortality rate outside the expected range for the category of Severe Acute Heart Disease. The report identifies 38 deaths among the 73 patients in this category. However, twenty (20) of these 38 patients actually died in the Emergency Service and were erroneously billed as admissions. Documentation to correct these billings was submitted to Bellevue's Fiscal Intermediary for Medicare on June 24, 1988, but apparently corrections to the MEDPAR file were not made by the time the HCFA reports were produced. A review of these twenty medical records showed that most of these patients came into BHC in cardiac arrest and that eighteen of the twenty patients died within 39 minutes of their arrival to Bellevue.

With the adjustment of this category by deleting the 20 identified erroneous inpatient deaths, the mortality rate decreases to 34% (53 patients, with 18 deaths), well within the predicted range of 27-51% for this category.

Review was also conducted of the remaining eighteen patients who died as inpatients. In summary, 17 of the 18 patients were admitted in acute distress with multiple health problems through the Emergency Service. The remaining patient was transferred into Bellevue from another acute care facility not equipped to render the care this patient needed. The average age of these patients was 76 and even though 8 of these 18 patients died within 24 hours of admission (44%), overall, these patients averaged more than 7 secondary diagnoses, including arrythmias, cardiogenic shock, congestive heart failure, hypertension, coronary atherosclerosis and kidney disease - an indication of the severity of these patients' illness.

Bellevue has a Quality Assurance Program that includes a review of all inpatient deaths. The results of this program show that Bellevue consistently delivers quality care to a population of economically disadvantaged people that suffer more than their share of disease.

BELLEVUE MATERNITY HOSPITAL INC

2210 TROY RD
SCHENECTADY, NY 12301

Medicare Hospital Provider Number: 330339

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	28	0	0 - 85	25	0	0 - 58
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	21	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	0	-	-	1	0	0 -100
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	78
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	75
Percent of Physicians Who Are Board Certified Specialists:	61
Interns and Residents:	0
Registered Nurses:	65
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BENEDICTINE HOSPITAL

105 ST MARY AVE
KINGSTON, NY 12401

Medicare Hospital Provider Number: 330224

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,835	12	10 - 15	1,710	11	10 - 15
Cancer	46	43	27 - 58	48	40	27 - 58
Cerebrovascular Accidents	98	18	17 - 34	70	19	17 - 37
Gastrointestinal Catastrophes	16	31	15 - 61	16	44	21 - 68
Infectious Disease	30	37	21 - 57	17	18	19 - 59
Metabolic/Electrolyte Disorders	30	37	12 - 49	26	23	16 - 52
Pulmonary Disease	96	29	19 - 40	94	21	14 - 34
Renal Failure	4	50	8 - 86	5	0	12 - 75
Severe Acute Heart Disease	84	31	26 - 48	77	29	25 - 47
Severe Chronic Heart Disease	89	16	14 - 31	88	27	16 - 36
Severe Trauma	2	0	1 - 91	3	33	5 - 87
Gastrointestinal Disease	140	4	1 - 10	129	5	1 - 11
Gynecologic Disease	10	0	0 -100	15	7	0 -100
Low-Risk Heart Disease	239	3	1 - 7	191	4	1 - 8
Musculoskeletal/Skin Conditions	139	2	1 - 8	147	2	1 - 8
Neuropsychiatric/Sensory Disease	71	6	0 - 20	72	7	0 - 25
Urologic Disease	52	2	0 - 67	63	0	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	222
Occupancy Rate (%):	91
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BERTRAND CHAFFEE HOSP

224 E MAIN ST
SPRINGVILLE, NY 14141

Medicare Hospital Provider Number: 330111

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	533	17	11 - 18	513	13	11 - 18
Cancer	5	80	17 - 83	19	37	22 - 65
Cerebrovascular Accidents	17	35	11 - 55	31	26	16 - 48
Gastrointestinal Catastrophes	6	83	12 - 74	4	50	4 - 82
Infectious Disease	3	33	7 - 88	1	0	0 - 99
Metabolic/Electrolyte Disorders	8	0	6 - 51	7	29	3 - 70
Pulmonary Disease	53	30	16 - 43	41	20	17 - 44
Renal Failure	4	50	8 - 86	1	100	3 - 99
Severe Acute Heart Disease	29	69	21 - 55	21	48	20 - 61
Severe Chronic Heart Disease	45	18	14 - 38	38	24	14 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	59	5	1 - 18	49	4	1 - 19
Gynecologic Disease	5	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	66	0	2 - 8	56	5	1 - 18
Musculoskeletal/Skin Conditions	39	3	1 - 18	44	0	2 - 12
Neuropsychiatric/Sensory Disease	8	13	0 -100	12	0	0 - 98
Urologic Disease	7	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	69
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

BETH ISRAEL MEDICAL CENTER

10 NATHAN D PERLMAN PLACE
NEW YORK, NY 10003

Medicare Hospital Provider Number: 330169

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,427	10	11 - 15	4,433	11	12 - 16
Cancer	255	34	33 - 51	288	34	33 - 51
Cerebrovascular Accidents	213	16	20 - 33	213	11	23 - 35
Gastrointestinal Catastrophes	45	24	24 - 55	35	26	19 - 52
Infectious Disease	61	31	23 - 51	112	37	26 - 50
Metabolic/Electrolyte Disorders	70	33	17 - 45	63	22	17 - 44
Pulmonary Disease	210	26	20 - 36	288	27	21 - 36
Renal Failure	35	37	18 - 67	26	46	15 - 68
Severe Acute Heart Disease	143	25	32 - 50	160	26	33 - 50
Severe Chronic Heart Disease	157	20	16 - 31	141	23	19 - 34
Severe Trauma	9	44	12 - 72	2	0	1 - 90
Gastrointestinal Disease	325	3	2 - 7	318	3	1 - 6
Gynecologic Disease	53	0	0 -100	43	0	0 - 92
Low-Risk Heart Disease	376	3	2 - 6	346	5	2 - 7
Musculoskeletal/Skin Conditions	235	5	1 - 8	174	2	1 - 7
Neuropsychiatric/Sensory Disease	293	1	1 - 6	318	1	1 - 5
Urologic Disease	343	0	1 - 4	317	3	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	922
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	828
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	298
Registered Nurses:	1,065
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BETH ISRAEL MEDICAL CENTER FIRST AVENUE AT 16TH STREET, NEW YORK, NY 10003 (212) 420-2000

October 21, 1988

Health Standards and Quality Bureau,
H.C.F.A.
Att: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Beth Israel Medical Center has reviewed the H.C.F.A. 1987 Mortality Reports. We wish to make the following comments:

1. We have reviewed the data elements on each of the mortalities and find that they are correct.
2. Since January 1, 1988 Beth Israel Medical Center has conducted daily review of every death. This thorough review involves the highest levels of the medical staff and is an integral and critical part of our comprehensive quality assurance program.

We thank you for the opportunity to comment on the report. We support efforts to improve the quality of services delivered to Medicare beneficiaries and indeed all patients serviced by the hospitals of the United States.

Sincerely,

Robert G. Newman, MD
President

RGN:df

BINGHAMTON PSYCHIATRIC CENTER

425 ROBINSON ST
BINGHAMTON, NY 13901

Medicare Hospital Provider Number: 330371

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	79	9	6 - 20	86	13	2 - 19
Cancer	1	0	3 - 98	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	5	40	11 - 81	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	0	0 - 99	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	8	50	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	21
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK STATE
OFFICE OF MENTAL HEALTH

RICHARD C. SURLES, Ph.D., Commissioner

BINGHAMTON PSYCHIATRIC CENTER

October 19, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Sandra Kappert
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Gentlemen:

Thank you for the opportunity to review mortality information about Medicare patients treated in our hospital in 1987. We have no comments to submit.

Sincerely,

Dwight C. Rhodes

Dwight Rhodes
Interim Director

dfe

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

425 Robinson Street, Binghamton, New York 13901 ● (607) 724-1391

91.01 Adm. (MH) (4-88)

BOOTH MEMORIAL HOSP

MAIN ST AT BOOTH MEMORIAL AVE
FLUSHING, NY 11355

Medicare Hospital Provider Number: 330055

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,176	14	12 - 16	4,014	14	13 - 17
Cancer	212	42	32 - 51	204	34	34 - 53
Cerebrovascular Accidents	171	24	20 - 35	170	26	20 - 35
Gastrointestinal Catastrophes	42	36	19 - 53	39	36	24 - 58
Infectious Disease	38	45	17 - 52	47	49	29 - 61
Metabolic/Electrolyte Disorders	57	32	11 - 41	60	38	19 - 48
Pulmonary Disease	225	34	23 - 39	279	34	23 - 39
Renal Failure	24	21	10 - 60	39	26	12 - 61
Severe Acute Heart Disease	243	33	31 - 47	234	31	32 - 47
Severe Chronic Heart Disease	221	17	18 - 30	158	22	16 - 31
Severe Trauma	11	27	8 - 62	4	50	1 - 85
Gastrointestinal Disease	344	3	1 - 7	286	3	2 - 7
Gynecologic Disease	36	3	0 -100	27	0	0 -100
Low-Risk Heart Disease	439	4	2 - 7	441	3	2 - 6
Musculoskeletal/Skin Conditions	274	4	1 - 7	227	1	1 - 6
Neuropsychiatric/Sensory Disease	81	1	1 - 10	99	1	1 - 9
Urologic Disease	240	2	0 - 6	197	1	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	467
Occupancy Rate (%):	95
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	770
Percent of Physicians Who Are Board Certified Specialists:	76
Interns and Residents:	116
Registered Nurses:	603
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BOOTH MEMORIAL MEDICAL CENTER
A voluntary, non-profit 467-bed Medical Center
Main Street & Booth Memorial Ave. Flushing, New York 11355 • (718) 670-1231

Medicare Provider #330055

HCFA 1987 MORTALITY INFORMATION RESPONSE STATEMENT

Booth Memorial Medical Center is a 467 bed Voluntary,Acute, General Teaching Hospital located centrally in the county of Queens, New York. Serving a region of approximately two million people, Booth Memorial provides many tertiary level services to the community it serves.

Even with the significant aging population we serve and in view of the amount of high technology and critical care services we provide, Booth Memorial fell within the predicted range for each diagnostic category.

BRONX MUNICIPAL HOSP CENTER

PELHAM PKWY EASTCHESTER RD
BRONX, NY 10461

Medicare Hospital Provider Number: 330127

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,395	17	11 - 16	2,499	16	10 - 15
Cancer	49	49	30 - 60	73	42	26 - 52
Cerebrovascular Accidents	155	38	17 - 34	126	37	17 - 36
Gastrointestinal Catastrophes	32	41	19 - 56	25	52	19 - 60
Infectious Disease	38	63	17 - 50	23	61	17 - 59
Metabolic/Electrolyte Disorders	45	13	8 - 36	32	28	8 - 44
Pulmonary Disease	146	38	19 - 38	138	34	16 - 35
Renal Failure	7	29	9 - 76	8	50	11 - 79
Severe Acute Heart Disease	152	51	30 - 48	140	47	30 - 49
Severe Chronic Heart Disease	150	23	16 - 32	158	24	15 - 31
Severe Trauma	11	27	7 - 61	12	58	5 - 62
Gastrointestinal Disease	94	7	0 - 21	103	5	1 - 13
Gynecologic Disease	11	0	0 -100	20	0	0 -100
Low-Risk Heart Disease	234	3	1 - 7	256	3	1 - 6
Musculoskeletal/Skin Conditions	185	2	1 - 7	177	6	0 - 12
Neuropsychiatric/Sensory Disease	132	2	0 - 11	111	7	0 - 21
Urologic Disease	53	2	0 - 26	75	3	0 - 34

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 755
Occupancy Rate (%): 85
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 787
Percent of Physicians Who Are Board Certified Specialists: 25
Interns and Residents: 433
Registered Nurses: 649
Licensed Practical Nurses: 113

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

BRONX MUNICIPAL HOSPITAL CENTER

MEDICARE PROVIDER #330127

Bronx Municipal Hospital Center (BMHC) is a major public teaching hospital, with a reputation as an innovator and leader in emergency medicine, and specialties in chest medicine, burn care, metabolic research and alcohol detoxification. Only 15% of the 26,708 patients admitted each year are Medicare recipients.

BMHC has serious reservations about the value of HCFA's release of Medicare death rates. Although this is the third annual release of hospital-specific Medicare mortality rates, HCFA has spent minimal effort on validation of whether hospitals with higher than predicted mortality rates have more quality of care problems. In fact, when the New York State Department of Health reviewed thousands of medical records of patients who died, hospitals identified by HCFA as having higher than predicted mortality rates did not have more quality of care problems than other hospitals. There is no meaningful interpretation about quality of care to be inferred from HCFA's mortality release.

The basic problem with HCFA's prediction model is that it attempts to predict a hospital's death rate based on the very limited data available on the Medicare bills of patients that had their last calendar year 1987 admission in that hospital and therefore omits many significant high risk indicators.

Specifically, although national statistics indicate that blacks have substantially higher mortality rates for many diseases targeted in HCFA's model, there is no adjustment for patient race. 20% of BMHC's Medicare patients are black. We also know that the poor elderly are generally in poorer overall health and have less access to primary care, but no adjustment is made for socioeconomic status, even though a useful proxy for this (i.e., a secondary pay source of Medicaid) is available on the bill. More than half of BMHC's Medicare patients have Medicaid as a secondary pay source. Similarly, admission priority (elective vs. emergent) is associated with mortality risk and is available on the bill, but is not factored into HCFA's prediction model. 91% of BMHC's Medicare cases are admitted through the ER as emergency priorities. 25% of BMHC's Medicare patients have subsequent admissions to other hospitals and are therefore excluded in HCFA's calculations of BMHC's mortality rate.

BMHC's overall 1987 actual rate as calculated by HCFA exceeded the predicted range by 1% point. Although the preceding discussion indicates that BMHC's patient population has serious risk factors not considered by HCFA, our staff did review medical records in those diagnostic categories in which BMHC's rates exceeded the predictions, to assess the clinical prognosis of patients upon admission.

One-hundred percent of the 1987 severe acute heart disease deaths were reviewed. As a group these patients came to the hospital in acute distress with multiple health problems. 97% were admitted as emergencies; 28% of the patients died wihtin one day of admission. 68% were transferred to ICU or CCU on admission; of those patients 79% died in a specialty unit. 62% had 5 or more secondary diagnoses including arrythmias, coronary artery disease, hypertension, previous myocardial infarctions and congestive heart failure. 84% of the patients had a history of one or more risk factors such as obesity, smoking, anemia and hypertension. 53% of these patients were admitted for the treatment of severe heart disease prior to this admission, indicating chronicity of disease.

75% of the 1987 cerebrovascular accident deaths were reviewed. 61% were neurologically decompensated on admission and 15% were transferred in from another facility. 93% were admitted as emergencies. 56% had 5 or more secondary diagnoses including congestive heart failure, diabetes, cardiovascular disease and cancer. Those same patients all had 1 or more risk factors, including a history of ETOH abuse, smoking and hypertension.

96% of the 1987 Medicare infectious disease deaths were also reviewed. 47% of the patients were transferred in from another facility or nursing home. 100% were admitted as an emergency priority and 47% died within 1-2 days of admission. 43% were transferred to ICU/CCU on admission, all of whom subsequently died on those units. 73% had 5 or more secondary diagnoses consisting of urinary tract infections, GI bleeds, diabetes and cardiovascular disease. 52% had a history of one or more risk factors such as anemia, alcohol abuse, nutritional deficiencies. 100% had some sort of infection prior to admission (elevated temperature, sepsis, urinary tract infection, pneumonia, etc.).

71% of the 1986 infectious disease deaths identified by HCFA were also reviewed. 40% of the patients were transferred in from another facility or nursing home. 100% were admitted as an emergency, 40% had 5 or more complicating diagnoses consisting of cerebrovascular accident, cardiovascular disease, congestive heart failure, pneumonia, diabetes, and peripheral vascular disease. 80% or had a history of one or more risk factors, such as alcohol abuse and anemia. 80% had an infection or some symptomatology of infection prior to admission, i.e., pneumonia, urinary tract infection, decubiti ulcer, urosepsis.

The results of this mortality chart review, as detailed above, are testimony to the fact the Bronx Municipal Hospital Center delivers care to a very high risk population. BMHC will continue its ongoing 100% review of patient deaths, as part of its comprehensive quality assurance program.

BRONX-LEBANON HOSP CTR

1276 FULTON AVE
BRONX, NY 10456

Medicare Hospital Provider Number: 330009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,630	11	10 - 15	1,668	9	10 - 15
Cancer	51	47	29 - 59	65	31	30 - 56
Cerebrovascular Accidents	55	33	16 - 42	53	25	15 - 40
Gastrointestinal Catastrophes	18	17	12 - 52	14	29	12 - 61
Infectious Disease	36	53	22 - 56	22	32	19 - 60
Metabolic/Electrolyte Disorders	28	21	9 - 45	51	24	15 - 44
Pulmonary Disease	75	19	16 - 36	87	23	14 - 35
Renal Failure	16	0	13 - 58	15	27	9 - 67
Severe Acute Heart Disease	61	44	30 - 56	42	45	27 - 58
Severe Chronic Heart Disease	109	12	16 - 30	127	14	16 - 31
Severe Trauma	1	100	1 - 97	1	0	0 - 97
Gastrointestinal Disease	77	3	1 - 12	87	2	1 - 11
Gynecologic Disease	15	7	0 -100	18	0	0 -100
Low-Risk Heart Disease	294	2	2 - 6	316	3	2 - 6
Musculoskeletal/Skin Conditions	76	0	0 - 8	73	1	0 - 12
Neuropsychiatric/Sensory Disease	162	2	0 - 8	182	2	1 - 8
Urologic Disease	40	0	0 - 20	42	2	0 - 32

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	565
Occupancy Rate (%):	89
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	450
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	191
Registered Nurses:	392
Licensed Practical Nurses:	87

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BROOKDALE HOSP MEDICAL CENTER

LINDEN BLVD
BROOKLYN, NY 11212

Medicare Hospital Provider Number: 330233

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,676	13	11 - 15	4,025	12	10 - 14
Cancer	189	38	32 - 51	246	34	32 - 50
Cerebrovascular Accidents	182	27	19 - 34	177	22	19 - 33
Gastrointestinal Catastrophes	25	16	15 - 50	29	28	14 - 51
Infectious Disease	40	42	20 - 54	44	30	21 - 52
Metabolic/Electrolyte Disorders	69	25	20 - 47	42	14	12 - 40
Pulmonary Disease	155	30	19 - 37	191	24	20 - 37
Renal Failure	18	28	9 - 64	18	44	19 - 75
Severe Acute Heart Disease	145	30	29 - 46	150	33	29 - 47
Severe Chronic Heart Disease	217	20	17 - 30	258	21	17 - 29
Severe Trauma	5	20	3 - 75	7	29	12 - 74
Gastrointestinal Disease	256	4	1 - 7	241	2	1 - 6
Gynecologic Disease	30	0	0 -100	41	0	0 -100
Low-Risk Heart Disease	451	4	2 - 6	400	3	2 - 6
Musculoskeletal/Skin Conditions	158	3	1 - 8	187	2	0 - 6
Neuropsychiatric/Sensory Disease	191	2	0 - 8	287	1	1 - 6
Urologic Disease	277	2	0 - 7	290	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	795
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	546
Percent of Physicians Who Are Board Certified Specialists:	61
Interns and Residents:	274
Registered Nurses:	756
Licensed Practical Nurses:	61

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BROOKHAVEN MEMORIAL HOSP

101 HOSPITAL ROAD
PATCHOGUE, NY 11772

Medicare Hospital Provider Number: 330141

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,766	13	11 - 15	2,642	13	11 - 15
Cancer	111	50	35 - 58	112	42	32 - 55
Cerebrovascular Accidents	122	30	19 - 36	117	24	20 - 37
Gastrointestinal Catastrophes	25	36	13 - 53	19	32	18 - 62
Infectious Disease	24	38	20 - 60	19	26	14 - 56
Metabolic/Electrolyte Disorders	37	32	17 - 52	52	25	13 - 42
Pulmonary Disease	125	25	18 - 36	128	23	16 - 34
Renal Failure	13	38	13 - 72	19	21	10 - 64
Severe Acute Heart Disease	141	38	27 - 46	135	30	27 - 45
Severe Chronic Heart Disease	148	22	16 - 31	146	29	18 - 34
Severe Trauma	3	33	4 - 86	7	14	5 - 65
Gastrointestinal Disease	245	3	2 - 7	210	4	1 - 8
Gynecologic Disease	19	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	434	3	2 - 6	414	6	1 - 7
Musculoskeletal/Skin Conditions	200	3	1 - 8	215	3	1 - 7
Neuropsychiatric/Sensory Disease	67	1	1 - 11	60	10	0 - 69
Urologic Disease	97	3	0 - 20	82	2	0 - 28

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	301
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	209
Percent of Physicians Who Are Board Certified Specialists:	62
Interns and Residents:	20
Registered Nurses:	313
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BROOKLYN HOSP

121 DEKALB AVE
BROOKLYN, NY 11201

Medicare Hospital Provider Number: 330056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,593	15	13 - 17	3,409	14	13 - 17
Cancer	166	39	31 - 51	169	41	34 - 55
Cerebrovascular Accidents	177	29	20 - 36	174	21	21 - 35
Gastrointestinal Catastrophes	45	29	24 - 56	40	22	21 - 52
Infectious Disease	64	53	25 - 53	58	36	25 - 55
Metabolic/Electrolyte Disorders	90	27	14 - 40	94	24	11 - 36
Pulmonary Disease	288	33	21 - 36	266	27	21 - 36
Renal Failure	25	44	15 - 67	20	50	14 - 70
Severe Acute Heart Disease	130	36	31 - 50	120	38	32 - 52
Severe Chronic Heart Disease	240	22	18 - 30	209	19	19 - 32
Severe Trauma	2	50	1 - 94	12	42	15 - 69
Gastrointestinal Disease	276	7	1 - 9	235	5	1 - 8
Gynecologic Disease	25	0	0 - 54	27	0	0 -100
Low-Risk Heart Disease	476	3	2 - 5	447	3	2 - 6
Musculoskeletal/Skin Conditions	234	4	1 - 8	269	3	1 - 7
Neuropsychiatric/Sensory Disease	100	1	1 - 8	73	1	0 - 12
Urologic Disease	102	2	0 - 12	126	3	1 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 634
Occupancy Rate (%): 90
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 865
Percent of Physicians Who Are Board Certified Specialists: 33
Interns and Residents: 145
Registered Nurses: 472
Licensed Practical Nurses: 106

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

The Brooklyn Hospital · Caledonian Hospital

121 DeKALB AVENUE, BROOKLYN, N.Y.
11201 • TELEPHONE: (718) 403-8000

1845

PARKSIDE AVENUE & ST. PAULS PLACE
BROOKLYN, N. Y. 11226 • (718) 469-1000

Frederick D. Alley
President & Chief Executive Officer
Telephone: (718) 403-8005

COMMENTS ON HCFA MEDICARE HOSPITAL MORTALITY INFORMATION

The Brooklyn Hospital-Caledonian Hospital, having reviewed the material distributed by the Health Care Financing Administration, wishes to comment on two factual items contained in the information on hospital mortality.

In 1982, The Brooklyn Hospital, located at 121 DeKalb Avenue, Brooklyn, merged with Caledonian Hospital, located at St. Pauls Place and Parkside Avenue, Brooklyn. Since that time the two hospitals have functioned as a single health care corporation with a single Medicare provider number, 330056. All operations of the Hospital, including medical staff, admissions, finance and administration have been completely integrated. The name of the Hospital on the HCFA information sheet should appear as "The Brooklyn Hospital-Caledonian Hospital."

The information supplied by the American Hospital Association for the hospital characteristic portion of the information sheet contains two factual errors. The number of certified medical/surgical beds at The Brooklyn Hospital-Caledonian Hospital is misstated. The correct number of certified medical/surgical beds is 531. The information also misstates the percentage of physicians on the Hospital's staff who are board certified specialists. The percentage of our staff who are board certified currently exceeds 50 percent.

Beyond these factual corrections, which the Hospital request that HCFA correct prior to the public issuing of the information, the Hospital has no further comment.

Respectfully submitted.

Frederick D. Alley, President and
Chief Executive Officer

BROOKS MEM HOSP

529 CENTRAL AVE
DUNKIRK, NY 14048

Medicare Hospital Provider Number: 330229

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,346	12	9 - 14	1,305	11	9 - 14
Cancer	45	49	30 - 61	54	63	34 - 62
Cerebrovascular Accidents	24	42	14 - 52	41	37	19 - 49
Gastrointestinal Catastrophes	16	44	11 - 59	11	45	5 - 63
Infectious Disease	6	17	10 - 72	7	14	14 - 71
Metabolic/Electrolyte Disorders	22	23	9 - 48	4	25	10 - 83
Pulmonary Disease	44	20	14 - 41	54	28	17 - 43
Renal Failure	3	33	5 - 88	0	-	-
Severe Acute Heart Disease	52	54	27 - 55	49	35	24 - 51
Severe Chronic Heart Disease	92	22	15 - 33	62	27	11 - 34
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	99	4	1 - 13	107	5	1 - 12
Gynecologic Disease	15	0	0 -100	10	10	0 -100
Low-Risk Heart Disease	157	3	2 - 8	138	2	2 - 8
Musculoskeletal/Skin Conditions	186	4	1 - 9	182	2	1 - 7
Neuropsychiatric/Sensory Disease	40	2	0 - 32	73	0	1 - 8
Urologic Disease	49	2	0 - 38	65	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	133
Occupancy Rate (%):	71
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	45
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	91
Licensed Practical Nurses:	48

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BRUNSWICK HOSP

366 BROADWAY
AMITYVILLE, NY 11701

Medicare Hospital Provider Number: 330314

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,955	14	12 - 17	1,981	16	12 - 17
Cancer	95	40	33 - 57	87	53	32 - 57
Cerebrovascular Accidents	111	20	18 - 35	113	26	19 - 37
Gastrointestinal Catastrophes	32	41	18 - 55	16	31	19 - 65
Infectious Disease	27	37	16 - 55	32	31	18 - 53
Metabolic/Electrolyte Disorders	43	26	11 - 43	58	31	10 - 40
Pulmonary Disease	87	23	17 - 38	78	28	16 - 38
Renal Failure	11	45	13 - 75	18	44	20 - 76
Severe Acute Heart Disease	124	42	29 - 49	124	40	30 - 49
Severe Chronic Heart Disease	152	24	15 - 31	117	31	19 - 37
Severe Trauma	3	67	2 - 87	6	33	6 - 74
Gastrointestinal Disease	152	3	2 - 9	107	7	1 - 14
Gynecologic Disease	11	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	264	4	2 - 7	298	3	1 - 6
Musculoskeletal/Skin Conditions	127	2	1 - 8	148	3	0 - 10
Neuropsychiatric/Sensory Disease	59	0	0 - 11	54	6	0 - 45
Urologic Disease	62	0	0 - 13	77	1	0 - 18

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	255
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

BUFFALO COLUMBUS HOSP

300 NIAGARA ST
BUFFALO, NY 14201

Medicare Hospital Provider Number: 330161

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	195	13	8 - 18	248	11	11 - 20
Cancer	4	50	7 - 83	7	57	20 - 84
Cerebrovascular Accidents	11	36	10 - 63	12	33	9 - 60
Gastrointestinal Catastrophes	2	100	3 - 88	0	-	-
Infectious Disease	2	50	6 - 94	7	29	22 - 83
Metabolic/Electrolyte Disorders	3	0	1 - 85	4	0	1 - 78
Pulmonary Disease	8	13	7 - 60	16	6	11 - 43
Renal Failure	1	0	3 - 99	2	50	4 - 93
Severe Acute Heart Disease	6	83	7 - 69	10	50	19 - 74
Severe Chronic Heart Disease	23	26	12 - 49	32	22	13 - 43
Severe Trauma	0	-	-	2	0	1 - 91
Gastrointestinal Disease	15	7	0 - 89	15	7	0 - 84
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	29	0	0 - 26	22	0	0 - 41
Musculoskeletal/Skin Conditions	24	4	0 - 40	33	0	0 - 20
Neuropsychiatric/Sensory Disease	11	0	0 -100	10	0	0 - 98
Urologic Disease	2	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 26
Occupancy Rate (%): 74
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 27
Percent of Physicians Who Are Board Certified Specialists: 63
Interns and Residents: 0
Registered Nurses: 35
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

BUFFALO GENERAL HOSP

100 HIGH ST
BUFFALO, NY 14203

Medicare Hospital Provider Number: 330005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,807	12	10 - 14	5,318	11	10 - 14
Cancer	301	40	33 - 51	237	32	31 - 50
Cerebrovascular Accidents	197	23	19 - 33	164	26	20 - 36
Gastrointestinal Catastrophes	40	32	20 - 54	49	31	24 - 55
Infectious Disease	53	42	22 - 53	49	47	20 - 52
Metabolic/Electrolyte Disorders	134	37	18 - 42	85	20	14 - 39
Pulmonary Disease	179	30	18 - 35	194	33	18 - 35
Renal Failure	37	32	21 - 69	60	27	16 - 63
Severe Acute Heart Disease	227	34	30 - 46	215	35	32 - 48
Severe Chronic Heart Disease	215	27	15 - 29	214	23	18 - 31
Severe Trauma	8	38	4 - 69	6	0	7 - 60
Gastrointestinal Disease	286	5	1 - 8	271	1	2 - 6
Gynecologic Disease	56	2	0 - 99	38	0	0 - 89
Low-Risk Heart Disease	1,032	4	2 - 5	916	4	2 - 5
Musculoskeletal/Skin Conditions	435	3	1 - 5	385	2	1 - 5
Neuropsychiatric/Sensory Disease	248	1	1 - 6	376	1	1 - 5
Urologic Disease	365	1	0 - 5	197	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	775
Occupancy Rate (%):	71
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	537
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	144
Registered Nurses:	846
Licensed Practical Nurses:	107

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

BUFFALO PSYCH CENTER

400 FOREST AVE
BUFFALO, NY 14213

Medicare Hospital Provider Number: 330368

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	113	4	4 - 12	101	10	2 - 16
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 97	0	-	-
Pulmonary Disease	3	0	3 - 79	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	4	25	2 - 81	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 - 97	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	2	0	0 -100	5	20	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	50
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	27
Licensed Practical Nurses:	35

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CABRINI MEDICAL CENTER

277 E 19TH ST
NEW YORK, NY 10003

Medicare Hospital Provider Number: 330133

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,156	8	9 - 13	3,271	8	9 - 13
Cancer	124	29	31 - 52	139	30	33 - 53
Cerebrovascular Accidents	88	20	19 - 38	84	17	19 - 37
Gastrointestinal Catastrophes	34	26	22 - 56	25	28	17 - 55
Infectious Disease	13	38	13 - 64	5	20	10 - 77
Metabolic/Electrolyte Disorders	53	23	13 - 41	37	16	14 - 44
Pulmonary Disease	153	25	21 - 38	135	26	18 - 37
Renal Failure	19	26	13 - 66	16	31	16 - 72
Severe Acute Heart Disease	52	38	27 - 54	65	34	27 - 51
Severe Chronic Heart Disease	164	16	17 - 30	156	21	18 - 33
Severe Trauma	1	0	0 - 99	4	75	7 - 82
Gastrointestinal Disease	282	2	1 - 6	303	3	1 - 6
Gynecologic Disease	13	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	410	3	2 - 6	420	4	2 - 6
Musculoskeletal/Skin Conditions	295	3	1 - 6	297	3	1 - 6
Neuropsychiatric/Sensory Disease	219	0	1 - 5	335	0	1 - 4
Urologic Disease	248	1	0 - 6	231	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	493
Occupancy Rate (%):	94
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	935
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	109
Registered Nurses:	373
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

227 EAST NINETEENTH STREET, NEW YORK, N.Y. 10003 (212) 995-6000

A MAJOR TEACHING AFFILIATE OF NEW YORK MEDICAL COLLEGE

October 18, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
Washington, D.C. 20201

Medicare Provider #330133

Dear Dr. Roper,

We have received the materials prepared by the Health Care Financing Administration (HCFA) pertaining to selected mortality information about Medicare patients treated at Cabrini Medical Center during 1987. Outlined below is an overview of the methodology used by Cabrini Medical Center to review the HCFA data, and a list of the inconsistencies between the HCFA data and the information in the medical record of those patiets treated at Cabrini Medical Center.

The accuracy of the hospital-specific data prepared by HCFA was verified by Cabrini Medical Center in two ways. A random sample of thirty cases in which a death occurred was selected and reviewed by staff of the Medical Records Department. Each of the data elements on the HCFA form was compared with the information in the medical chart. The hospital also examined all cases in which the date of death, as noted by HCFA, occurred within three weeks of the date of discharge (a total of 39). The medical charts were reviewed by physicians in the respective clinical departments. While this process did reveal a number of errors in the HCFA data, no problems were identified by the reviewing physicians relative to the quality of care provided. Included herewith as Attachment #1 is a summary of the inconsistencies we identified between the hospital-specific data as reported by HCFA, and the information contained in the medical record.

We would also like to note two corrections to the information included under the section entitled "Hospital Characteristics".

1) The percentage of CMC physicians who are board certified specialists is 75%, not 64% as indicated by HCFA. As reported by Cabrini Medical Center in the 1986 AMA hospital survey, 699 of the 931 physicians with CMC admitting privileges are board certified.

2) While Cabrini Medical Center does comply with the required request law, we do not have an approved organ transplant program.

Thank you for the opportunity to review and correct the Cabrini-specific HCFA Medicare mortality data. Should you have any questions or require additional information, please feel free to contact Lori Lupinski, Assistant to the Executive Vice President, at (212) 995-6777.

Sincerely,

Jeffrey Frerichs
Executive Vice President

JF/le
Attachment
cc: Sr. Josephine Tsuei, M.S.C. - President

CANTON POTSDAM HOSP

POTSDAM HOSP UNIT-50 LEROY ST
POTSDAM, NY 13676

Medicare Hospital Provider Number: 330197

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	706	11	9 - 15	710	10	10 - 15
Cancer	14	71	29 - 75	22	45	26 - 67
Cerebrovascular Accidents	29	28	10 - 44	24	21	12 - 46
Gastrointestinal Catastrophes	6	17	16 - 77	3	33	1 - 89
Infectious Disease	4	25	3 - 80	4	25	10 - 84
Metabolic/Electrolyte Disorders	7	43	1 - 78	4	50	3 - 82
Pulmonary Disease	47	26	12 - 39	58	19	13 - 36
Renal Failure	4	25	9 - 85	4	50	11 - 90
Severe Acute Heart Disease	44	34	23 - 52	38	34	26 - 57
Severe Chronic Heart Disease	23	4	14 - 37	44	16	15 - 39
Severe Trauma	0	-	-	2	0	1 - 89
Gastrointestinal Disease	68	4	1 - 17	48	2	1 - 17
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	77	6	1 - 17	86	1	1 - 9
Musculoskeletal/Skin Conditions	52	8	0 - 27	62	2	0 - 16
Neuropsychiatric/Sensory Disease	63	2	0 - 14	64	0	1 - 9
Urologic Disease	35	3	0 - 91	41	0	0 - 18

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	36
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	80
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CARTHAGE AREA HOSP

WEST ST RD
CARTHAGE, NY 13619

Medicare Hospital Provider Number: 330263

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	371	11	9 - 17	376	9	10 - 17
Cancer	4	50	12 - 87	6	83	27 - 88
Cerebrovascular Accidents	12	42	13 - 65	17	12	14 - 48
Gastrointestinal Catastrophes	1	100	1 - 97	6	50	13 - 81
Infectious Disease	4	50	6 - 83	1	0	1 - 97
Metabolic/Electrolyte Disorders	5	20	3 - 74	5	0	3 - 65
Pulmonary Disease	19	26	12 - 52	27	11	12 - 40
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	22	36	19 - 59	12	33	16 - 67
Severe Chronic Heart Disease	35	17	12 - 39	30	17	11 - 40
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	35	0	0 - 17	48	2	1 - 17
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	72	3	1 - 12	72	3	1 - 12
Musculoskeletal/Skin Conditions	20	0	1 - 27	30	3	2 - 23
Neuropsychiatric/Sensory Disease	7	0	0 -100	8	0	0 -100
Urologic Disease	7	0	0 -100	7	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	78
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	35
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CATHOLIC MED CTR OF BKLYN QNS INC

88-25 153RD ST
JAMAICA, NY 11432

Medicare Hospital Provider Number: 330357

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	7,026	16	13 - 16	6,998	17	13 - 17
Cancer	307	43	35 - 52	295	41	34 - 52
Cerebrovascular Accidents	397	30	22 - 34	421	35	23 - 35
Gastrointestinal Catastrophes	69	42	20 - 49	68	46	19 - 49
Infectious Disease	127	44	28 - 51	130	32	27 - 50
Metabolic/Electrolyte Disorders	161	31	17 - 40	114	43	14 - 40
Pulmonary Disease	442	30	21 - 34	490	33	22 - 36
Renal Failure	39	36	18 - 66	60	52	23 - 70
Severe Acute Heart Disease	267	43	32 - 47	322	34	32 - 46
Severe Chronic Heart Disease	466	25	18 - 28	487	24	19 - 29
Severe Trauma	4	0	7 - 72	11	45	8 - 66
Gastrointestinal Disease	497	3	2 - 6	466	4	2 - 6
Gynecologic Disease	48	2	0 -100	51	0	0 - 60
Low-Risk Heart Disease	758	4	2 - 5	748	4	2 - 6
Musculoskeletal/Skin Conditions	519	3	2 - 6	503	5	1 - 6
Neuropsychiatric/Sensory Disease	209	2	1 - 7	214	2	0 - 7
Urologic Disease	317	2	0 - 6	327	3	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	1,152
Occupancy Rate (%):	85
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	1,040
Percent of Physicians Who Are Board Certified Specialists:	51
Interns and Residents:	158
Registered Nurses:	1,029
Licensed Practical Nurses:	92

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CENTRAL GEN HOSP

888 OLD COUNTRY RD
PLAINVIEW, NY 11803

Medicare Hospital Provider Number: 330331

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,314	10	10 - 14	2,420	12	10 - 14
Cancer	104	38	35 - 58	87	38	31 - 55
Cerebrovascular Accidents	68	28	18 - 40	93	25	18 - 37
Gastrointestinal Catastrophes	18	28	19 - 62	18	22	18 - 60
Infectious Disease	28	32	20 - 56	26	50	18 - 58
Metabolic/Electrolyte Disorders	12	8	5 - 49	29	17	9 - 43
Pulmonary Disease	118	20	17 - 35	118	28	16 - 36
Renal Failure	9	44	14 - 79	19	37	19 - 75
Severe Acute Heart Disease	69	26	26 - 49	90	43	28 - 50
Severe Chronic Heart Disease	116	28	15 - 33	110	30	16 - 34
Severe Trauma	4	25	3 - 80	5	40	3 - 78
Gastrointestinal Disease	167	1	1 - 6	163	4	1 - 9
Gynecologic Disease	28	0	0 -100	20	0	0 -100
Low-Risk Heart Disease	245	2	2 - 7	272	5	2 - 8
Musculoskeletal/Skin Conditions	183	2	1 - 6	236	1	1 - 5
Neuropsychiatric/Sensory Disease	188	4	1 - 9	200	0	1 - 5
Urologic Disease	154	0	0 - 6	118	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	300
Occupancy Rate (%):	85
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	250
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	225
Licensed Practical Nurses:	48

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

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CENTRAL GENERAL HOSPITAL INC
888 OLD COUNTRY ROAD · PLAINVIEW, L.I., NEW YORK 11803

ROBERT J. BORNSTEIN, F.A.C.H.E.
ADMINISTRATOR

(516) 681-8900

OCTOBER 7, 1988

HEALTH CARE FINANCING ADMINISTRATION
HEALTH STANDARDS AND QUALITY BUREAU
MEADOWS EAST BUILDING, 2 - D - 2
6325 SECURITY BOULEVARD
BALTIMORE, MARYLAND 21207

ATTENTION: SANDRA KAPPERT

DEAR MS. KAPPERT:

IN RESPONSE TO DR. ROGERS' LETTER OF SEPTEMBER 15TH, PLEASE BE ADVISED THAT AT LEAST 10% OF THE PATIENTS LISTED ON THE MEDICARE HOSPITAL MORTALITY REPORT DID NOT EXPIRE AT THIS HOSPITAL. WE HAVE FOUND THAT OVER FIFTY (50) PATIENTS HAVE BEEN LISTED NUMEROUS TIMES, EACH TIME AS A DEATH. THIS WOULD APPEAR TO BE "STACKING THE DECK" SINCE A PATIENT CAN ONLY DIE ONCE. AS A RESULT OF THIS, IT WOULD APPEAR THAT THIS HOSPITAL'S MORTALITY RATE IS EVEN LESS THAN THE 10% NOTED IN THE ALL CAUSES CATEGORY.

IF EITHER YOU OR ONE OF YOUR ASSOCIATES WOULD LIKE TO HAVE MORE DETAILS REGARDING THE ABOVE, PLEASE CONTACT RUTH LANDY, R.R.A., OUR DIRECTOR OF MEDICAL RECORDS.

IN REGARD TO THE MEDICARE HOSPITAL MORTALITY INFORMATION SHEET UNDER HOSPITAL CHARACTERISTICS, PLEASE BE ADVISED THAT THE NUMBER OF BEDS THIS HOSPITAL IS LICENSED FOR IS THREE (300) HUNDRED. HOWEVER, YOUR SHEET STATES ONE HUNDRED AND NINETY FOUR (194) BEDS. IF THIS IS STRICTLY FOR MEDICAL/SURGICAL BEDS, THEN ONE HUNDRED AND NINETY FOUR (194) BEDS ARE CORRECT.

THE INFORMATION REGARDING STAFFING IS INCORRECT AND SHOULD BE REVISED AS FOLLOWS:

TOTAL NUMBER OF PHYSICIANS: 395
PERCENT OF PHYSICIANS WHO ARE
BOARD CERTIFIED SPECIALISTS: 68%
INTERNS AND RESIDENTS PER BED: NONE
REGISTERED NURSES PER BED (PER 194 BEDS): 1.36
LICENSED PRACTICAL NURSES PER BED (PER 194 BEDS): .31

IN THE SECTION ENTITLED, SPECIALTY SERVICES, YOU WERE CORRECT IN STATING THAT WE DO NOT HAVE A SHOCK/TRAUMA OR BURN UNIT NOR DO WE HAVE HOSPICE CARE. YOU ALSO CORRECTLY NOTED THAT WE HAVE A CORONARY CARE UNIT. HOWEVER, PLEASE NOTE THAT WE ARE INCORRECTLY NOTED AS HAVING ORGAN TRANSPLANT SERVICES.

I TRUST THIS INFORMATION WILL BE USEFUL TO YOU.

VERY TRULY YOURS,

ROBERT J. BORNSTEIN
ADMINISTRATOR

RJB/GLL

CC: RUTH LANDY

CENTRAL SUFFOLK HOSP

1300 ROANOKE AVE
RIVERHEAD, NY 11901

Medicare Hospital Provider Number: 330107

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,389	14	11 - 15	1,370	15	11 - 17
Cancer	64	38	28 - 55	62	50	28 - 56
Cerebrovascular Accidents	72	32	17 - 40	62	26	15 - 39
Gastrointestinal Catastrophes	8	13	15 - 68	13	46	19 - 71
Infectious Disease	24	42	16 - 56	17	24	14 - 56
Metabolic/Electrolyte Disorders	12	8	7 - 50	15	40	18 - 67
Pulmonary Disease	56	29	15 - 40	76	29	18 - 41
Renal Failure	9	44	14 - 79	11	36	16 - 78
Severe Acute Heart Disease	58	33	25 - 51	71	41	27 - 52
Severe Chronic Heart Disease	93	32	16 - 36	76	25	14 - 35
Severe Trauma	2	0	5 - 89	2	0	0 - 95
Gastrointestinal Disease	122	2	1 - 8	118	1	2 - 7
Gynecologic Disease	16	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	183	3	1 - 7	178	4	1 - 9
Musculoskeletal/Skin Conditions	114	3	1 - 10	103	5	1 - 13
Neuropsychiatric/Sensory Disease	24	0	0 - 34	25	0	0 - 32
Urologic Disease	73	3	0 - 29	58	2	0 - 25

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	214
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	95
Percent of Physicians Who Are Board Certified Specialists:	51
Interns and Residents:	0
Registered Nurses:	102
Licensed Practical Nurses:	41

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hosp[illegible]:	No

CHAMPLAIN VALLEY PHYSICIANS HOSP

100 BEEKMAN ST
PLATTSBURGH, NY 12901

Medicare Hospital Provider Number: 330250

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,318	10	10 - 14	2,267	10	10 - 15
Cancer	97	46	35 - 58	113	37	34 - 56
Cerebrovascular Accidents	73	26	19 - 40	77	23	18 - 38
Gastrointestinal Catastrophes	16	50	20 - 68	20	40	20 - 63
Infectious Disease	23	13	18 - 51	15	13	15 - 55
Metabolic/Electrolyte Disorders	32	22	10 - 44	36	8	9 - 36
Pulmonary Disease	129	18	18 - 35	115	14	16 - 33
Renal Failure	11	27	14 - 73	12	33	16 - 76
Severe Acute Heart Disease	68	43	26 - 51	73	37	30 - 54
Severe Chronic Heart Disease	136	15	17 - 31	123	22	18 - 35
Severe Trauma	4	0	8 - 73	5	40	5 - 78
Gastrointestinal Disease	171	2	1 - 8	152	6	1 - 11
Gynecologic Disease	18	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	273	3	2 - 6	248	3	2 - 7
Musculoskeletal/Skin Conditions	204	2	1 - 7	230	1	1 - 5
Neuropsychiatric/Sensory Disease	111	1	1 - 8	218	1	1 - 6
Urologic Disease	97	1	0 - 10	55	2	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	410
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	91
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	249
Licensed Practical Nurses:	82

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CVPH

CHAMPLAIN VALLEY PHYSICIANS HOSPITAL
MEDICAL CENTER
PLATTSBURGH • NEW YORK • 12901

KEVIN J. CARROLL
PRESIDENT

October 18, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: HCFA Mortality Data
CVPH Medical Center
100 Beekman Street
Plattsburgh, NY
Hospital identification: 330250

Dear Mrs. Kappert:

My only comment, other than the usual questions as to the methodology and its short-comings, is that you indicate that in 1986, the percent of physicians who were Board certified was 48. In fact, of the 97 physicians we had at that time, 63 were Board certified which makes the percentage approximately 65. I am not sure whether it is a miscue on your part, or whether we gave you bad data, but in any event, that is what our records indicate.

I would appreciate it if you would change your records accordingly.

Sincerely yours,

Kevin Carroll/

Kevin J. Carroll
President

KJC/cc

CHENANGO MEMORIAL HOSP

179 N BROAD ST
NORWICH, NY 13815

Medicare Hospital Provider Number: 330033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	743	15	11 - 18	708	16	10 - 16
Cancer	29	59	24 - 61	26	50	20 - 59
Cerebrovascular Accidents	37	43	18 - 50	26	27	14 - 48
Gastrointestinal Catastrophes	7	43	10 - 74	8	13	13 - 66
Infectious Disease	14	21	16 - 61	8	25	10 - 68
Metabolic/Electrolyte Disorders	13	15	9 - 54	13	23	11 - 59
Pulmonary Disease	54	22	13 - 37	37	38	16 - 48
Renal Failure	1	0	0 - 98	2	50	7 - 96
Severe Acute Heart Disease	50	48	25 - 54	28	39	20 - 56
Severe Chronic Heart Disease	55	16	13 - 34	38	29	10 - 40
Severe Trauma	0	-	-	1	0	0 -100
Gastrointestinal Disease	57	2	1 - 14	46	11	0 - 62
Gynecologic Disease	10	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	80	2	1 - 11	69	1	1 - 11
Musculoskeletal/Skin Conditions	35	6	0 - 36	38	5	0 - 35
Neuropsychiatric/Sensory Disease	14	7	0 - 96	34	3	0 - 54
Urologic Disease	51	0	0 - 17	54	2	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	113
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	28
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	0
Registered Nurses:	67
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHILDREN'S HOSP REHAB CENTER

1675 BENNETT ST
UTICA, NY 13502

Medicare Hospital Provider Number: 330391

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	221	2	4 - 10	199	6	4 - 12
Cancer	4	0	10 - 74	1	0	0 - 99
Cerebrovascular Accidents	0	-	-	4	25	6 - 80
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	3 - 92	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 96	0	-	-
Pulmonary Disease	6	17	3 - 69	2	0	3 - 88
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	0	1 - 97	3	67	0 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	33	0 -100	3	33	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	2	0	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	92	1	0 - 9	76	0	0 - 8
Neuropsychiatric/Sensory Disease	0	-	-	7	0	0 -100
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	52
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	55
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHILDS HOSP

25 HACKETT BLVD
ALBANY, NY 12208

Medicare Hospital Provider Number: 330189

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	210	0	2 - 6	501	1	2 - 6
Cancer	0	-	-	1	0	2 - 97
Cerebrovascular Accidents	0	-	-	1	100	0 - 98
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	0	3 - 88
Metabolic/Electrolyte Disorders	0	-	-	2	0	5 - 89
Pulmonary Disease	1	0	3 - 99	2	0	0 - 95
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	0	0 -100	3	33	2 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	24	0	0 - 26
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	1	0	0 -100	3	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	10	0	0 - 99
Neuropsychiatric/Sensory Disease	159	1	1 - 6	403	0	1 - 4
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	11
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	177
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	54
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CITY HOSP CENTER AT ELMHURST

79-01 BROADWAY
FLUSHING, NY 11373

Medicare Hospital Provider Number: 330128

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,954	20	13 - 17	1,965	21	13 - 18
Cancer	55	53	31 - 60	31	48	26 - 62
Cerebrovascular Accidents	142	40	19 - 36	134	39	19 - 37
Gastrointestinal Catastrophes	30	37	14 - 52	30	37	18 - 55
Infectious Disease	34	53	26 - 62	37	46	21 - 56
Metabolic/Electrolyte Disorders	42	24	9 - 41	42	29	9 - 41
Pulmonary Disease	144	34	18 - 37	130	33	16 - 36
Renal Failure	20	25	9 - 62	14	36	16 - 75
Severe Acute Heart Disease	123	37	28 - 47	173	48	31 - 49
Severe Chronic Heart Disease	119	21	15 - 32	94	24	16 - 35
Severe Trauma	16	44	10 - 59	13	38	9 - 62
Gastrointestinal Disease	73	7	1 - 17	96	7	1 - 16
Gynecologic Disease	4	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	222	5	1 - 9	207	8	1 - 10
Musculoskeletal/Skin Conditions	130	8	1 - 14	112	3	0 - 12
Neuropsychiatric/Sensory Disease	85	4	0 - 19	91	3	0 - 16
Urologic Disease	40	10	0 - 75	46	2	0 - 36

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	675
Occupancy Rate (%):	92
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	369
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

City Hospital Center at Elmhurst
79-01 Broadway
Elmhurst, NY 11373
718 830-1141

New York City
Health and Hospitals
Corporation

Alan H. Channing
Executive Director

ELMHURST
HOSPITAL

CITY HOSPITAL CENTER AT ELMHURST

Response to release of HCFA Mortality Information - 1987

Medicare Provider No: 330128

City Hospital Center at Elmhurst has serious reservations about the value of HCFA's release of Medicare mortality rates. Although this is the third annual release of hospital-specific Medicare mortality rates, HCFA has spent minimal effort on activities to validate whether hospitals with higher than predicted mortality rates have more quality of care problems. In fact, when the New York State Department of Health reviewed thousands of medical records of patients who died, hospitals identified by HCFA as having higher than predicted mortality rates did not have more quality of care problems than other hospitals. There is no meaningful interpretation about quality of care to be inferred from HCFA's mortality release.

The basic problem is that HCFA is attempting to predict a hospital's death rate based on very limited data available on the Medicare bills of patients that had their last calendar year 1987 admission in that hospital. Omitted from consideration are: 1) the full range of clinical date describing the patient's condition upon admission that are not available on the bill; 2) several significant variables like patient race and admission source that are available on the bill; and 3) any "credit" for having successfully treated and discharged patients who are later hospitalized in another facility (20% of Elmhurst's Medicare patients fall into this group). The following high risk factors apply to Elmhurst's Medicare patients: 90% are emergency admissions; 25% have more than the 5 diagnoses allowed for on the patient bill; 45% are poor; and 15% are black. The HCFA study methodology also fails to consider Elmhurst Hospital's role as a trauma center and as a designated emergency heart care station.

In only one diagnostic category, Cerebrovascular Disease, did Elmhurst have a higher actual rate than HCFA predicted. Yet, Elmhurst's overall acutal rate exceeded HCFA's overall predicted range. This is due, in part to the "All Other Category" for which there is no casemix adjustment. THe "All Other Category" groups dissimilar diagnoses with varied degrees of mortality risk and the inclusion of this category in the overall hospital results is a major weakness in HCFA's methodology.

Nevertheless, we conducted an indepth chart review of cases within the "All Other Category" and Cerebrovascular Disease Category, focusing on the severity of illness proxies excluded from HCFA's model.

Deaths within the "All Other Category" had an overall casemix index of 1.7 (average being 1.0). 92% were admitted through the ER and 91% were assigned emergency priority status. 65% of these patients had 5 or more secondary diagnoses with an average of 4.3 diagnoses.

Had HCFA race-adjusted Elmhurst's Cerebrovascular (CVA) cases, our actual rate would have fallen within HCFA's predicted range. (The mortality rate for blacks is almost twice that of whites). An indepth chart review of these patients revealed: all were admitted through the ER; 9% were unconsious upon admission; 27% expired within the first 48 hours of admission; and 5% were over 90 years of age. 43% had five or more secondary diagnoses with an average of 4.3 diagnoses per patient including Chronic Heart Failure, Diabetes, Chronic Renal Failure and a past history of CVA.

Our review confirmed that the management of these cases did not deviate from standards.

CLIFTON FINE HOSPITAL

PO BOX 10, OSWEGATCHIE TRAIL
OGDENSBURG, NY 13690

Medicare Hospital Provider Number: 330179

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	128	9	11 - 22	132	14	9 - 22
Cancer	3	67	7 - 88	4	75	16 - 90
Cerebrovascular Accidents	3	0	9 - 81	4	50	4 - 82
Gastrointestinal Catastrophes	1	100	1 - 97	4	75	5 - 80
Infectious Disease	2	0	1 - 90	3	33	2 - 87
Metabolic/Electrolyte Disorders	7	14	9 - 67	1	0	0 -100
Pulmonary Disease	15	0	15 - 40	12	8	7 - 48
Renal Failure	1	0	0 - 98	0	-	-
Severe Acute Heart Disease	4	25	8 - 81	9	56	15 - 73
Severe Chronic Heart Disease	15	27	10 - 54	7	29	4 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 - 97	19	0	0 - 45
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	16	0	0 - 47	13	0	0 - 78
Musculoskeletal/Skin Conditions	13	0	0 - 73	13	8	0 - 85
Neuropsychiatric/Sensory Disease	8	0	0 - 74	4	0	0 -100
Urologic Disease	1	0	0 -100	4	0	0 - 86

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	50
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLIFTON SPRINGS HOSP

2 COULER RD
CLIFTON SPRINGS, NY 14432

Medicare Hospital Provider Number: 330265

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	907	9	10 - 15	841	10	10 - 15
Cancer	48	40	30 - 60	43	42	30 - 61
Cerebrovascular Accidents	19	21	11 - 49	14	29	11 - 57
Gastrointestinal Catastrophes	9	33	14 - 71	12	33	12 - 64
Infectious Disease	11	36	13 - 67	7	29	18 - 79
Metabolic/Electrolyte Disorders	29	21	16 - 50	11	9	7 - 52
Pulmonary Disease	42	7	15 - 35	39	8	12 - 33
Renal Failure	4	25	11 - 87	0	-	-
Severe Acute Heart Disease	27	37	22 - 58	38	50	25 - 58
Severe Chronic Heart Disease	44	16	14 - 37	34	6	15 - 35
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	61	0	1 - 9	63	2	1 - 12
Gynecologic Disease	18	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	113	0	2 - 6	99	6	1 - 14
Musculoskeletal/Skin Conditions	78	3	0 - 16	83	0	0 - 8
Neuropsychiatric/Sensory Disease	23	4	0 - 47	26	0	0 - 59
Urologic Disease	65	2	0 - 28	48	4	0 - 65

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	186
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	35
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	78
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COLUMBIA GREENE MED CTR INC

159 JEFFERSON HEIGHTS
CATSKILL, NY 12414

Medicare Hospital Provider Number: 330094

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,708	13	12 - 17	1,729	13	11 - 16
Cancer	103	50	33 - 56	92	43	32 - 56
Cerebrovascular Accidents	81	27	19 - 40	84	24	19 - 39
Gastrointestinal Catastrophes	15	47	16 - 65	19	37	17 - 61
Infectious Disease	3	33	6 - 87	11	27	8 - 61
Metabolic/Electrolyte Disorders	15	20	10 - 54	8	25	4 - 66
Pulmonary Disease	147	20	19 - 36	131	26	16 - 35
Renal Failure	3	0	9 - 84	6	50	7 - 79
Severe Acute Heart Disease	86	29	29 - 51	81	40	28 - 51
Severe Chronic Heart Disease	110	24	15 - 32	119	21	16 - 32
Severe Trauma	2	0	1 - 91	0	-	-
Gastrointestinal Disease	151	5	1 - 10	162	2	1 - 8
Gynecologic Disease	11	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	150	3	2 - 8	153	3	2 - 8
Musculoskeletal/Skin Conditions	133	2	1 - 7	136	2	1 - 8
Neuropsychiatric/Sensory Disease	66	0	1 - 9	84	5	0 - 18
Urologic Disease	62	2	0 - 20	54	4	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	226
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	177
Licensed Practical Nurses:	43

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMM GEN HOSP OF GREATER SYRACUSE

BROAD RD
SYRACUSE, NY 13215

Medicare Hospital Provider Number: 330159

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,830	13	11 - 15	2,783	12	12 - 16
Cancer	114	39	26 - 49	125	42	29 - 51
Cerebrovascular Accidents	121	29	19 - 37	120	27	20 - 38
Gastrointestinal Catastrophes	47	43	22 - 55	44	20	22 - 52
Infectious Disease	40	22	21 - 51	28	21	24 - 58
Metabolic/Electrolyte Disorders	50	28	16 - 46	29	21	8 - 43
Pulmonary Disease	131	20	17 - 34	163	26	20 - 37
Renal Failure	6	50	13 - 84	18	61	18 - 74
Severe Acute Heart Disease	114	35	29 - 49	144	34	30 - 48
Severe Chronic Heart Disease	164	23	15 - 30	140	24	17 - 33
Severe Trauma	4	75	4 - 80	3	33	3 - 86
Gastrointestinal Disease	229	5	1 - 8	237	2	2 - 6
Gynecologic Disease	32	0	0 -100	28	0	0 -100
Low-Risk Heart Disease	208	3	1 - 7	201	5	2 - 9
Musculoskeletal/Skin Conditions	335	3	1 - 6	310	2	1 - 6
Neuropsychiatric/Sensory Disease	105	2	1 - 10	112	4	0 - 18
Urologic Disease	105	4	0 - 23	112	2	1 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	356
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	267
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	316
Licensed Practical Nurses:	106

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY GEN HOSP OF SULLIVAN CO

RT 17
HARRIS, NY 12742

Medicare Hospital Provider Number: 330386

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,612	14	12 - 17	1,469	11	11 - 16
Cancer	50	56	29 - 59	35	54	30 - 65
Cerebrovascular Accidents	61	33	17 - 42	52	17	18 - 40
Gastrointestinal Catastrophes	11	55	10 - 66	13	31	13 - 63
Infectious Disease	19	53	18 - 62	17	18	21 - 61
Metabolic/Electrolyte Disorders	25	36	13 - 53	30	20	10 - 44
Pulmonary Disease	121	21	20 - 37	116	19	16 - 34
Renal Failure	10	50	20 - 83	6	0	11 - 70
Severe Acute Heart Disease	104	35	29 - 50	80	34	28 - 50
Severe Chronic Heart Disease	103	25	16 - 34	102	14	16 - 32
Severe Trauma	3	0	5 - 79	0	-	-
Gastrointestinal Disease	134	2	1 - 8	116	5	0 - 13
Gynecologic Disease	7	14	0 -100	6	0	0 -100
Low-Risk Heart Disease	213	2	1 - 7	208	3	1 - 7
Musculoskeletal/Skin Conditions	99	3	1 - 11	131	3	1 - 10
Neuropsychiatric/Sensory Disease	68	6	0 - 32	59	8	0 - 58
Urologic Disease	36	3	0 - 55	36	0	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	290
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY GEN HOSP-GROVER HERMAN DIV

RT 97
CALLICOON, NY 12723

Medicare Hospital Provider Number: 330359

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	266	12	10 - 18	278	9	10 - 17
Cancer	9	67	19 - 75	5	80	17 - 84
Cerebrovascular Accidents	8	25	9 - 66	11	36	9 - 63
Gastrointestinal Catastrophes	1	0	1 - 97	3	67	6 - 87
Infectious Disease	4	50	6 - 83	6	33	12 - 78
Metabolic/Electrolyte Disorders	2	50	1 - 92	6	17	7 - 70
Pulmonary Disease	13	8	17 - 54	17	12	11 - 47
Renal Failure	2	0	10 - 95	0	-	-
Severe Acute Heart Disease	2	100	7 - 90	8	13	15 - 66
Severe Chronic Heart Disease	25	28	14 - 50	25	8	12 - 37
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	34	0	0 - 18	29	0	0 - 22
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	29	3	0 - 29	48	4	1 - 20
Musculoskeletal/Skin Conditions	26	0	1 - 19	22	5	0 - 81
Neuropsychiatric/Sensory Disease	10	0	0 - 90	8	0	0 - 96
Urologic Disease	11	0	0 - 99	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	30
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSP

HARPERS ST
STAMFORD, NY 12167

Medicare Hospital Provider Number: 330272

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	229	7	11 - 18	225	11	10 - 19
Cancer	3	67	11 - 99	3	67	14 - 96
Cerebrovascular Accidents	14	7	17 - 51	10	0	23 - 57
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	6	17	8 - 70	1	0	3 - 98
Metabolic/Electrolyte Disorders	3	0	0 - 89	1	0	0 -100
Pulmonary Disease	16	25	10 - 53	15	13	6 - 46
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	57	21 - 84	11	64	25 - 78
Severe Chronic Heart Disease	21	10	13 - 42	22	18	11 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	22	0	0 - 37	20	5	0 - 41
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	34	0	1 - 15	44	2	2 - 16
Musculoskeletal/Skin Conditions	18	0	0 - 64	11	0	0 - 99
Neuropsychiatric/Sensory Disease	5	0	0 -100	4	0	0 -100
Urologic Disease	5	0	0 -100	10	10	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	60
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSP AT GLEN COVE

ST ANDREWS LANE
GLEN COVE, NY 11542

Medicare Hospital Provider Number: 330181

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,142	14	12 - 17	2,076	14	12 - 17
Cancer	99	43	34 - 58	83	40	32 - 57
Cerebrovascular Accidents	81	32	17 - 39	101	32	21 - 40
Gastrointestinal Catastrophes	13	38	15 - 66	22	18	23 - 59
Infectious Disease	26	35	23 - 62	25	36	18 - 57
Metabolic/Electrolyte Disorders	58	33	13 - 43	80	34	20 - 47
Pulmonary Disease	113	35	20 - 40	121	30	20 - 39
Renal Failure	11	45	25 - 87	12	58	15 - 76
Severe Acute Heart Disease	85	41	30 - 53	62	47	29 - 55
Severe Chronic Heart Disease	129	22	18 - 33	129	28	17 - 34
Severe Trauma	3	0	4 - 79	1	0	1 - 97
Gastrointestinal Disease	166	1	2 - 7	159	1	2 - 6
Gynecologic Disease	16	0	0 - 97	15	0	0 -100
Low-Risk Heart Disease	276	3	2 - 6	233	2	2 - 7
Musculoskeletal/Skin Conditions	161	1	1 - 6	181	3	1 - 8
Neuropsychiatric/Sensory Disease	54	2	0 - 16	69	4	0 - 29
Urologic Disease	77	1	0 - 15	77	3	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	256
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	232
Percent of Physicians Who Are Board Certified Specialists:	76
Interns and Residents:	14
Registered Nurses:	189
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSP BROOKLYN

2525 KINGS HIGHWAY
BROOKLYN, NY 11229

Medicare Hospital Provider Number: 330019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,645	13	11 - 16	1,641	12	11 - 15
Cancer	55	47	29 - 58	38	45	28 - 62
Cerebrovascular Accidents	45	18	18 - 42	28	29	16 - 49
Gastrointestinal Catastrophes	16	44	15 - 63	21	38	15 - 58
Infectious Disease	14	43	10 - 61	32	47	23 - 60
Metabolic/Electrolyte Disorders	23	22	10 - 48	31	39	13 - 50
Pulmonary Disease	93	29	19 - 40	109	17	17 - 35
Renal Failure	11	55	18 - 79	13	54	19 - 79
Severe Acute Heart Disease	62	32	29 - 54	61	43	27 - 53
Severe Chronic Heart Disease	136	20	17 - 32	109	24	17 - 35
Severe Trauma	1	0	1 - 97	2	0	2 - 89
Gastrointestinal Disease	134	7	1 - 12	131	2	1 - 8
Gynecologic Disease	5	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	296	2	2 - 6	235	2	2 - 7
Musculoskeletal/Skin Conditions	114	4	0 - 12	118	0	1 - 6
Neuropsychiatric/Sensory Disease	22	0	0 - 52	48	0	1 - 11
Urologic Disease	90	0	0 - 7	104	1	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	134
Occupancy Rate (%):	87
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	320
Percent of Physicians Who Are Board Certified Specialists:	52
Interns and Residents:	0
Registered Nurses:	39
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSP OF SCHOHARIE CO INC

GRANDVIEW DRIVE
COBLESKILL, NY 12043

Medicare Hospital Provider Number: 330268

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	594	16	11 - 18	520	17	12 - 20
Cancer	13	77	25 - 71	17	47	25 - 71
Cerebrovascular Accidents	29	45	16 - 51	23	35	16 - 54
Gastrointestinal Catastrophes	3	33	7 - 88	4	0	11 - 75
Infectious Disease	10	30	10 - 65	12	42	13 - 66
Metabolic/Electrolyte Disorders	21	29	13 - 54	10	10	4 - 54
Pulmonary Disease	45	40	13 - 43	51	45	17 - 46
Renal Failure	2	50	4 - 93	3	67	9 - 92
Severe Acute Heart Disease	36	25	23 - 52	38	26	23 - 52
Severe Chronic Heart Disease	36	11	11 - 34	32	28	10 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	36	0	1 - 16	35	0	0 - 21
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	68	1	1 - 12	50	4	0 - 22
Musculoskeletal/Skin Conditions	37	3	1 - 21	36	6	1 - 26
Neuropsychiatric/Sensory Disease	16	0	0 - 96	6	0	0 -100
Urologic Disease	21	0	0 - 42	22	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	38
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSP OF WESTERN SUFFOLK

SMITHTOWN BYPASS
SMITHTOWN, NY 11787

Medicare Hospital Provider Number: 330309

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,893	16	11 - 16	2,069	15	11 - 16
Cancer	47	45	24 - 55	57	40	26 - 55
Cerebrovascular Accidents	70	46	21 - 45	79	35	19 - 42
Gastrointestinal Catastrophes	17	47	15 - 62	20	35	16 - 59
Infectious Disease	28	29	18 - 54	40	50	19 - 53
Metabolic/Electrolyte Disorders	26	38	15 - 55	28	32	13 - 50
Pulmonary Disease	143	34	17 - 36	141	40	20 - 39
Renal Failure	11	45	14 - 76	16	44	20 - 78
Severe Acute Heart Disease	72	43	29 - 53	74	50	28 - 53
Severe Chronic Heart Disease	139	27	16 - 32	124	37	17 - 35
Severe Trauma	8	38	12 - 73	7	43	8 - 74
Gastrointestinal Disease	134	5	2 - 11	124	3	1 - 10
Gynecologic Disease	15	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	199	6	2 - 9	235	2	2 - 7
Musculoskeletal/Skin Conditions	130	4	1 - 10	139	4	1 - 10
Neuropsychiatric/Sensory Disease	53	2	0 - 20	156	0	1 - 5
Urologic Disease	89	6	0 - 17	94	1	1 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	271
Occupancy Rate (%):	80
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSP

150 BROAD ST
HAMILTON, NY 13346

Medicare Hospital Provider Number: 330249

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	440	9	7 - 14	430	10	7 - 14
Cancer	11	73	18 - 69	8	63	17 - 77
Cerebrovascular Accidents	14	29	6 - 54	17	18	12 - 50
Gastrointestinal Catastrophes	4	75	9 - 83	1	0	0 - 99
Infectious Disease	3	67	8 - 89	4	25	2 - 81
Metabolic/Electrolyte Disorders	2	0	0 - 93	6	0	4 - 58
Pulmonary Disease	24	8	14 - 41	22	23	10 - 47
Renal Failure	1	0	1 - 97	2	100	6 - 91
Severe Acute Heart Disease	11	9	19 - 60	20	30	19 - 59
Severe Chronic Heart Disease	18	22	9 - 48	9	11	7 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	32	3	0 - 29	35	6	0 - 44
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	49	4	0 - 22	47	6	0 - 35
Musculoskeletal/Skin Conditions	70	0	0 - 8	63	2	0 - 17
Neuropsychiatric/Sensory Disease	8	0	0 - 97	3	0	0 -100
Urologic Disease	29	0	0 - 87	26	0	0 - 67

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	84
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	38
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Community Memorial Hospital

Hamilton, New York 13346 (315) 824-1100

October 18, 1988 Medicare Provider #330249

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I am writing in reference to the Health Care Financing Administration selected mortality information for acute care hospitals for the period of 1987.

We have reviewed the mortality data for Community Memorial Hospital and wish to offer the following comments:

Community Memorial Hospital's 1987 mortality rate for all Medicare cases was 5% below the upper limit of HCFA's predicted range of mortality rates. In only one diagnostic category did the hospital's actual mortality rate fall above the predicted range, that being cancer for which Community Memorial's rate was just 4% above the predicted. In this category, the hospital had 11 patients, 9 of whom died. The average age of the patients who died was 81 years and 8 of the 9 were described as metastatic or diffuse carcinoma. The remaining was a 75 year old man, diagnosed as pancreatic carcinoma in February 1987, who was readmitted 3 days later with intractable vomiting and abdominal pain. Treatment options were discussed by the oncologist and the patient went home for hospice follow-up, expiring 5 days later.

We would appreciate the inclusion of our comments in the HCFA Mortality Rate to be released in the near future.

Please feel free to contact me if you have any questions or require additional information.

Sincerely,
COMMUNITY MEMORIAL HOSPITAL

David W. Felton
Administrator

DWF:hw

CONEY ISLAND HOSP

2601 OCEAN PKWY
BROOKLYN, NY 11235

Medicare Hospital Provider Number: 330196

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,164	22	16 - 20	3,120	22	15 - 20
Cancer	78	49	31 - 57	58	47	32 - 61
Cerebrovascular Accidents	194	43	21 - 36	204	48	21 - 37
Gastrointestinal Catastrophes	37	49	21 - 56	38	47	20 - 55
Infectious Disease	86	60	26 - 52	78	63	27 - 54
Metabolic/Electrolyte Disorders	62	34	11 - 41	57	33	12 - 42
Pulmonary Disease	179	34	22 - 39	177	44	23 - 41
Renal Failure	18	72	20 - 73	11	18	12 - 70
Severe Acute Heart Disease	365	43	35 - 49	387	46	35 - 48
Severe Chronic Heart Disease	266	29	19 - 31	248	19	20 - 32
Severe Trauma	4	0	8 - 73	3	100	11 - 84
Gastrointestinal Disease	104	10	1 - 16	107	5	1 - 12
Gynecologic Disease	6	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	454	4	2 - 7	357	4	2 - 7
Musculoskeletal/Skin Conditions	185	4	1 - 8	204	7	0 - 11
Neuropsychiatric/Sensory Disease	80	4	1 - 13	98	6	0 - 19
Urologic Disease	71	0	0 - 9	83	2	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	445
Occupancy Rate (%):	89
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	165
Percent of Physicians Who Are Board Certified Specialists:	56
Interns and Residents:	138
Registered Nurses:	424
Licensed Practical Nurses:	74

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK CITY HEALTH AND HOSPITALS CORPORATION

CONEY ISLAND HOSPITAL

2601 OCEAN PARKWAY ● BROOKLYN, NEW YORK 11235 ● 718-615-4000

EXECUTIVE OFFICE

Hospital I.D. #330196 October 24, 1988

RESPONSE TO 1987 HCFA MORTALITY DATA

Coney Island Hospital (CIH) has serious reservations about the value of HCFA's release of Medicare death rates. Although this is the third annual release of hospital-specific Medicare mortality rates, HCFA has spent minimal effort on validation of whether hospitals with higher than predicted mortality rates have more quality of care problems. In fact, when the New York State Department of Health reviewed thousands of medical records of patients who died, hospitals identified by HCFA as having higher than predicted mortality rates did not have more quality of care problems than other hospitals. There is no meaningful interpretation about quality of care to be inferred from HCFA's mortality release.

The basic problem is that HCFA is attempting to predict a hospital's death rate based on very limited data available on the Medicare bills of patients who had their last calendar year 1987 admission in that hospital. Omitted from considerations are: 1) the full range of clinical data describing the patient's condition upon admission that are not available on the bill; 2) several significant variables like patient race and admission source that are available on the bill; and 3) any "credit" for having successfully treated and discharged patients who are later hospitalized in another facility.

Specifically, although national statistics indicate that the elderly poor are generally in poorer overall health and have less access to primary care, HCFA has made no adjustments for socioeconomic status, even though a useful proxy for this (i.e., a secondary pay source of Medicaid) is available on the patient bill. One-third of Coney Island's patients have Medicaid as a secondary payor. Similarly, admission priority (elective vs. emergent) is associated with mortality risk and is available on the bill, but is not factored into HCFA's prediction model. 95% of Coney Island's Medicare admissions are an emergent basis.

Coney Island's mortality rate based on HCFA's calculations also excludes 21% of the Medicare patients discharged alive because these patients had subsequent admissions to other hospitals. The elimination of these patients from the count of cases unfairly penalizes hospitals located in areas with multiple providers where patients may choose different hospitals for different admissions and hospitals which are trauma centers or serve as emergency/ambulance receiving hospitals.

NEW YORK CITY HEALTH AND HOSPITALS CORPORATION
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EXECUTIVE OFFICE

Hospital I.D. #330196

October 24, 1988

RESPONSE TO 1987 HCFA MORTALITY DATA (continued)

These limitations of HCFA's prediction model result in an underestimation of the high risk nature of Coney Island's largely geriatric population with a high proportion of poor, immigrant patients. Over half of the Medicare patients treated are 75 years or older; 21% are over age 85. 20% are admitted more than once a year. The community served is high risk for heart disease, pneumonia and cirrhosis of the liver with age adjusted mortality rates that are 15, 21 and 250% higher (respectively) than those nationally.

Despite the fact that Coney Island Hospital can demonstrate that it serves a high risk population overall, medical records were reviewed in the two categories for which Coney Island Hospital exceeded HCFA's predicted range: Infectious Disease and Cerebrovascular Accidents. 80% of the deaths reported by HCFA in the Infectious Disease category were reviewed. These patients had an average of 9 secondary diagnoses with 90% of them having 5 or more secondary diagnoses. 14% were over age 89 and 24% were unresponsive upon admission. 21% were transferred from skilled nursing facilities; all were admitted through the Emergency Room (ER).

In the Cerebrovascular Accidents category, 88% of the deaths reported by HCFA were reviewed. All were admitted through the ER and assigned emergency priorities. Upon admission, 44% were unresponsive and never regained consciousness. 60% suffere from massive or multiple cerebral infarcts and 60% had a comorbid condition of hyper tention (code 401) which is not one of the hypertension comorbid conditions included in HCFA's model. 21% expired within the first 24 hours of admission and 26% of thes patients were over age 90. These patients had an average of 7 secondary diagnoses. 31% had significant comorbid conditions which were listed after the fifth diagnosis and therefore did not appear on the patient's bill.

Coney Island Hospital remains dedicated to providing high quality medical care to all its patients. As can be seen from the above, Coney Island Hospital treats a high risk patient population. Ongoing mortality review will continue to serve as part of our Quality Assurance Program.

CORNING HOSP

176 DENISON PARKWAY EAST
CORNING, NY 14830

Medicare Hospital Provider Number: 330277

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,322	9	11 - 15	1,276	11	11 - 16
Cancer	39	51	32 - 65	49	53	31 - 62
Cerebrovascular Accidents	33	27	15 - 46	51	20	21 - 44
Gastrointestinal Catastrophes	16	50	18 - 66	13	46	18 - 69
Infectious Disease	12	25	15 - 64	8	50	9 - 71
Metabolic/Electrolyte Disorders	33	12	12 - 42	22	32	15 - 56
Pulmonary Disease	113	14	17 - 34	100	18	15 - 34
Renal Failure	7	57	19 - 88	9	44	22 - 88
Severe Acute Heart Disease	40	32	25 - 55	45	44	24 - 54
Severe Chronic Heart Disease	77	19	17 - 36	55	29	15 - 40
Severe Trauma	3	0	2 - 81	1	0	1 - 97
Gastrointestinal Disease	104	2	1 - 9	101	1	1 - 8
Gynecologic Disease	8	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	165	2	2 - 8	150	2	2 - 7
Musculoskeletal/Skin Conditions	124	2	1 - 9	103	3	1 - 11
Neuropsychiatric/Sensory Disease	88	2	1 - 11	101	1	0 - 9
Urologic Disease	52	0	0 - 18	43	0	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	278
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	53
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	128
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

176 Denison Parkway East
Corning, New York 14830
(607) 937-7200

Corning
Hospital

October 19, 1988

Ms. Sandra Kappert # 330277
Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert,

I am responding to the mortality information for Corning Hospital. I have no comments for publication, but I do have one clarification of the hospital characteristics. Corning Hospital is certified at 158 beds; 119 beds are general medical-surgical.

Thank you for the opportunity to respond to this information.

Sincerely,

Jeffrey Weiss
Vice-President of Planning & Finance

JW/jt

CORTLAND MEMORIAL HOSP

134 HOMER AVE
CORTLAND, NY 13045

Medicare Hospital Provider Number: 330175

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,657	15	11 - 16	1,457	13	11 - 16
Cancer	44	43	25 - 56	38	42	25 - 58
Cerebrovascular Accidents	64	36	17 - 41	52	46	17 - 45
Gastrointestinal Catastrophes	18	44	12 - 59	12	42	16 - 69
Infectious Disease	9	11	14 - 63	3	67	7 - 88
Metabolic/Electrolyte Disorders	62	29	15 - 44	39	26	14 - 46
Pulmonary Disease	112	23	17 - 36	93	19	18 - 37
Renal Failure	2	100	7 - 92	3	67	13 - 97
Severe Acute Heart Disease	72	42	27 - 52	66	36	25 - 50
Severe Chronic Heart Disease	123	29	16 - 34	107	21	17 - 34
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	128	2	2 - 8	105	2	2 - 9
Gynecologic Disease	16	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	203	6	1 - 10	183	6	3 - 10
Musculoskeletal/Skin Conditions	138	5	1 - 11	118	4	1 - 11
Neuropsychiatric/Sensory Disease	50	8	0 - 36	50	0	0 - 13
Urologic Disease	60	0	0 - 12	50	0	1 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 177
Occupancy Rate (%): 79
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 53
Percent of Physicians Who Are Board Certified Specialists: 66
Interns and Residents: 0
Registered Nurses: 109
Licensed Practical Nurses: 43

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

CROUSE-IRVING MEMORIAL HOSP

736 IRVING AVE
SYRACUSE, NY 13210

Medicare Hospital Provider Number: 330203

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,826	10	10 - 13	3,556	11	10 - 14
Cancer	215	34	32 - 50	193	33	30 - 49
Cerebrovascular Accidents	121	19	18 - 34	123	29	18 - 36
Gastrointestinal Catastrophes	32	41	20 - 58	32	38	19 - 56
Infectious Disease	54	19	20 - 46	21	33	16 - 58
Metabolic/Electrolyte Disorders	37	24	10 - 43	43	28	12 - 44
Pulmonary Disease	172	24	17 - 33	163	24	18 - 35
Renal Failure	16	38	16 - 72	15	47	12 - 71
Severe Acute Heart Disease	132	37	29 - 48	137	32	29 - 47
Severe Chronic Heart Disease	171	21	15 - 29	153	24	16 - 31
Severe Trauma	12	25	9 - 61	8	13	8 - 63
Gastrointestinal Disease	229	2	1 - 6	209	3	1 - 7
Gynecologic Disease	41	0	0 -100	39	0	0 -100
Low-Risk Heart Disease	412	3	2 - 6	354	5	2 - 7
Musculoskeletal/Skin Conditions	309	1	1 - 5	326	3	1 - 6
Neuropsychiatric/Sensory Disease	402	1	1 - 5	335	2	1 - 6
Urologic Disease	157	0	0 - 5	114	0	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	490
Occupancy Rate (%):	92
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	525
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	709
Licensed Practical Nurses:	183

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CROUSE IRVING MEMORIAL HOSPITAL

736 Irving Avenue, Syracuse, New York 13210 (315) 470-7111

Medicare Number 330203

October 20, 1988

William L. Roper, MD, Administrator
Health Care Financing Administration
Department of Health & Human Services
Washington, DC 20201

Dear Dr. Roper:

In our review of the HCFA data on mortality rates for the years 1986 and 1987, it appears that there are relatively few errors in the information presented in the report. Our validation was by focused review of cases within several of the HCFA disease categories. During this validation process, it was recognized that these statistics are based on the diagnosis that resulted in the patient's admission to the hospital which was not necessarily the diagnosis that was the actual cause of the patient's death. In the majority of cases, the admission represented the terminal stage of the diagnosis, with death being an expected outcome at the time of admission, given the patient's medical condition. We note that our mortality rate is at the lowest point of the predicted range for our hospital. Our statistics have been relatively stable between the actual and predicted mortality from year to year with an actual decrease in the rate for 1987.

The HCFA mortality rate includes only deaths of Medicare patients within 30 days of admission. This includes deaths for the elderly population which occurred in the hospital, or after discharge while under treatment at home or while a patient in a nursing home. Besides not identifying the cause of the death or information as to where the death occurred, it should be emphasized that the present methodology failed to measure the degree of severity of each patient's illness within the diagnostic grouping. Because Crouse Irving Memorial Hospital is a tertiary care center receiving patients referred from 24 surrounding counties for treatment in specialty areas such as oncology and pulmonary disease, our patient population tends to experience a greater severity of illness for many of the disease entities. As HCFA states it is not appropriate to utilize this information by itself to make judgments about the quality of care in an individual hospital.

At Crouse Irving Memorial Hospital all deaths are reviewed by the clinical departments in order to determine if there are any issues related to the quality of care. Mortality review is just one of our many on-going quality assurance activities which involve monitoring all aspects of care in order to identify opportunities to promote patient safety, to better utilize hospital resources and insure the best clinical outcomes.

Sincerely,

James W. Maher
President

JWM:BML

cc: W. A. Schiess, MD
Vice President for Medical Affairs

Kendrick A. Sears, MD
President, Medical Staff

CUBA MEMORIAL HOSP

140 W MAIN ST
CUBA, NY 14727

Medicare Hospital Provider Number: 330039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	307	10	8 - 15	341	9	8 - 15
Cancer	4	25	5 - 80	5	60	21 - 92
Cerebrovascular Accidents	8	25	13 - 70	6	50	5 - 74
Gastrointestinal Catastrophes	4	25	10 - 84	3	0	3 - 79
Infectious Disease	2	0	8 - 92	3	0	5 - 79
Metabolic/Electrolyte Disorders	12	33	2 - 61	15	7	4 - 43
Pulmonary Disease	19	11	14 - 46	18	17	7 - 45
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	8	63	17 - 77	9	33	18 - 74
Severe Chronic Heart Disease	19	16	13 - 48	20	5	10 - 37
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	40	5	0 - 36	24	0	0 - 40
Gynecologic Disease	5	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	57	0	1 - 9	60	7	1 - 21
Musculoskeletal/Skin Conditions	24	4	0 - 70	28	4	0 - 45
Neuropsychiatric/Sensory Disease	5	0	0 - 95	8	13	0 - 98
Urologic Disease	18	0	0 - 97	19	0	0 - 69

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	69
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

Cuba Memorial Hospital
Cuba, New York

Provider Number: 33-0039

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

DEEPDALE GENERAL HOSP

55-15 LITTLE NECK PKW
LITTLE NECK, NY 11362

Medicare Hospital Provider Number: 330308

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,087	11	9 - 13	2,044	11	8 - 13
Cancer	82	45	30 - 55	58	50	29 - 58
Cerebrovascular Accidents	81	28	19 - 40	56	30	16 - 42
Gastrointestinal Catastrophes	20	25	19 - 59	9	67	10 - 68
Infectious Disease	12	25	17 - 66	16	31	18 - 64
Metabolic/Electrolyte Disorders	46	28	14 - 45	43	35	14 - 47
Pulmonary Disease	81	28	18 - 40	100	30	19 - 40
Renal Failure	14	29	21 - 78	6	50	12 - 83
Severe Acute Heart Disease	33	27	24 - 55	36	22	25 - 53
Severe Chronic Heart Disease	120	23	15 - 31	131	26	16 - 33
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	151	0	1 - 5	133	5	1 - 12
Gynecologic Disease	16	0	0 -100	12	0	0 - 75
Low-Risk Heart Disease	247	3	1 - 7	216	3	1 - 7
Musculoskeletal/Skin Conditions	171	6	1 - 11	158	4	0 - 11
Neuropsychiatric/Sensory Disease	255	1	1 - 5	316	0	1 - 4
Urologic Disease	126	4	0 - 14	107	2	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	195
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

DEGRAFF MEM HOSP

445 TREMONT ST
NORTH TONAWANDA, NY 14120

Medicare Hospital Provider Number: 330007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,499	13	11 - 15	1,529	13	11 - 15
Cancer	54	44	26 - 55	69	49	30 - 57
Cerebrovascular Accidents	101	26	19 - 38	82	24	21 - 41
Gastrointestinal Catastrophes	22	45	15 - 58	14	50	16 - 67
Infectious Disease	8	25	12 - 70	7	14	10 - 67
Metabolic/Electrolyte Disorders	47	21	13 - 42	32	34	11 - 48
Pulmonary Disease	50	14	11 - 34	50	26	15 - 42
Renal Failure	6	50	9 - 81	5	40	16 - 91
Severe Acute Heart Disease	73	45	26 - 50	62	44	27 - 53
Severe Chronic Heart Disease	89	22	14 - 33	109	22	15 - 33
Severe Trauma	2	50	2 - 92	2	50	3 - 92
Gastrointestinal Disease	103	7	1 - 14	132	5	2 - 11
Gynecologic Disease	19	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	252	1	2 - 6	235	3	1 - 7
Musculoskeletal/Skin Conditions	124	2	1 - 9	133	3	1 - 9
Neuropsychiatric/Sensory Disease	43	2	0 - 57	60	2	0 - 15
Urologic Disease	47	2	0 - 33	60	2	0 - 34

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	194
Occupancy Rate (%):	84
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	114
Percent of Physicians Who Are Board Certified Specialists:	59
Interns and Residents:	0
Registered Nurses:	101
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DELAWARE VALLEY HOSP INC

1 TITUS PLACE
WALTON, NY 13856

Medicare Hospital Provider Number: 330121

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	350	12	10 - 18	336	12	10 - 18
Cancer	10	60	26 - 81	11	36	15 - 68
Cerebrovascular Accidents	13	38	8 - 59	13	46	12 - 63
Gastrointestinal Catastrophes	6	50	9 - 77	6	0	10 - 61
Infectious Disease	2	0	2 - 88	5	60	14 - 84
Metabolic/Electrolyte Disorders	3	0	1 - 81	6	50	6 - 75
Pulmonary Disease	21	19	14 - 50	19	16	12 - 48
Renal Failure	1	0	0 - 98	2	0	9 - 94
Severe Acute Heart Disease	20	50	21 - 63	15	33	18 - 64
Severe Chronic Heart Disease	24	29	10 - 47	26	23	13 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	4	0 - 33	35	0	1 - 16
Gynecologic Disease	5	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	49	4	0 - 21	38	3	0 - 22
Musculoskeletal/Skin Conditions	40	2	0 - 25	42	2	0 - 30
Neuropsychiatric/Sensory Disease	9	0	0 -100	14	0	0 - 96
Urologic Disease	8	0	2 - 50	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	61
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	36
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DOBBS FERRY HOSP

128 ASHFORD AVE
DOBBS FERRY, NY 10522

Medicare Hospital Provider Number: 330036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	368	10	9 - 16	299	14	9 - 18
Cancer	6	50	16 - 83	5	40	12 - 82
Cerebrovascular Accidents	14	50	10 - 60	13	62	11 - 61
Gastrointestinal Catastrophes	5	0	9 - 66	1	0	1 - 97
Infectious Disease	3	33	3 - 86	2	0	4 - 88
Metabolic/Electrolyte Disorders	5	60	3 - 78	4	75	5 - 80
Pulmonary Disease	30	17	13 - 43	27	22	13 - 46
Renal Failure	2	0	6 - 91	0	-	-
Severe Acute Heart Disease	17	18	23 - 61	11	45	18 - 72
Severe Chronic Heart Disease	16	13	11 - 47	19	37	8 - 51
Severe Trauma	1	0	1 - 97	1	0	0 - 98
Gastrointestinal Disease	32	6	0 - 33	24	8	0 - 61
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	43	5	1 - 22	37	3	0 - 25
Musculoskeletal/Skin Conditions	42	0	0 - 23	30	0	1 - 17
Neuropsychiatric/Sensory Disease	28	4	0 - 42	26	4	0 - 58
Urologic Disease	19	0	0 - 94	9	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DOCTORS HOSP

170 EAST END AVE
NEW YORK, NY 10028

Medicare Hospital Provider Number: 330142

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,282	9	10 - 14	1,964	10	11 - 15
Cancer	86	37	28 - 53	81	42	30 - 55
Cerebrovascular Accidents	64	16	17 - 37	71	15	20 - 39
Gastrointestinal Catastrophes	13	0	14 - 46	22	23	18 - 56
Infectious Disease	26	35	21 - 59	27	44	24 - 63
Metabolic/Electrolyte Disorders	64	20	14 - 41	42	14	10 - 38
Pulmonary Disease	144	22	20 - 37	123	27	22 - 41
Renal Failure	7	29	12 - 79	8	38	18 - 84
Severe Acute Heart Disease	73	27	31 - 53	77	26	32 - 53
Severe Chronic Heart Disease	82	20	14 - 33	57	16	16 - 37
Severe Trauma	4	0	5 - 71	0	-	-
Gastrointestinal Disease	244	1	2 - 6	192	3	1 - 7
Gynecologic Disease	10	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	196	2	2 - 7	186	2	1 - 7
Musculoskeletal/Skin Conditions	209	1	1 - 5	172	1	1 - 5
Neuropsychiatric/Sensory Disease	95	0	0 - 7	76	3	1 - 13
Urologic Disease	112	1	0 - 9	90	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 263
Occupancy Rate (%): 76
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

Doctors Hospital

170 East End Avenue
at 87th Street
New York NY 10128
212.870.9000

A Not for Profi
Community Hosp

October 21, 1988

Health Standards and Quality Bureau,
H.C.F.A.
Att: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Doctors Hospital has reviewed the H.C.F.A. 1987 Mortality Reports. We wish to make the following comments:

1. We have reviewed the data elements on each of the mortalities and find that they are correct.
2. Since January 1, 1988 Doctors Hospital has conducted daily review of every death. This thorough review involves the highest levels of the medical staff and is an integral and critical part of our comprehensive quality assurance program.

We thank you for the opportunity to comment on the report. We support efforts to improve the quality of services delivered to Medicare beneficiaries and indeed all patients serviced by the hospitals of the United States.

Sincerely,

Robert G. Newman, MD
President

RGN:df

DOCTORS HOSP OF STATEN ISLAND

1050TARGEE
STATEN ISLAND, NY 10304

Medicare Hospital Provider Number: 330212

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,123	12	11 - 16	1,206	14	12 - 17
Cancer	44	34	28 - 58	38	45	25 - 59
Cerebrovascular Accidents	23	30	14 - 52	30	20	19 - 49
Gastrointestinal Catastrophes	6	33	9 - 76	16	44	15 - 63
Infectious Disease	9	44	12 - 70	19	53	22 - 66
Metabolic/Electrolyte Disorders	8	0	11 - 54	12	17	1 - 58
Pulmonary Disease	88	39	21 - 43	89	21	17 - 37
Renal Failure	11	55	21 - 83	9	33	16 - 80
Severe Acute Heart Disease	47	43	25 - 55	67	42	32 - 57
Severe Chronic Heart Disease	60	18	15 - 36	60	12	15 - 34
Severe Trauma	2	0	0 - 92	2	0	4 - 89
Gastrointestinal Disease	108	2	1 - 9	118	4	1 - 11
Gynecologic Disease	9	0	0 - 80	6	0	0 -100
Low-Risk Heart Disease	160	2	2 - 7	153	1	2 - 7
Musculoskeletal/Skin Conditions	106	2	1 - 9	113	1	1 - 7
Neuropsychiatric/Sensory Disease	22	0	0 - 31	44	0	0 - 29
Urologic Disease	52	4	0 - 39	40	0	0 - 23

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	117
Occupancy Rate (%):	75
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	199
Percent of Physicians Who Are Board Certified Specialists:	61
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

E J NOBLE-ALEXANDRIA BAY

FULLER ST
ALEXANDRIA BAY, NY 13607

Medicare Hospital Provider Number: 330114

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	264	11	10 - 18	253	9	8 - 16
Cancer	8	75	20 - 77	3	67	13 - 95
Cerebrovascular Accidents	9	22	10 - 64	9	11	10 - 58
Gastrointestinal Catastrophes	3	0	2 - 81	1	0	0 - 98
Infectious Disease	3	33	4 - 86	4	50	6 - 83
Metabolic/Electrolyte Disorders	5	20	3 - 74	0	-	-
Pulmonary Disease	22	9	9 - 39	17	18	8 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	17	47	17 - 62	11	18	19 - 66
Severe Chronic Heart Disease	15	7	10 - 43	17	12	10 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	31	6	0 - 41	29	3	0 - 56
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	32	3	1 - 23	29	0	0 - 24
Musculoskeletal/Skin Conditions	19	0	0 - 31	20	0	0 - 41
Neuropsychiatric/Sensory Disease	10	10	0 -100	14	7	0 - 99
Urologic Disease	7	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	47
Occupancy Rate (%):	78
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Edward John Noble Hospital
19 Fuller Street
Alexandria Bay, New York 13607

September 28, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Re: Hospital ID#: 330114/EJ Noble - Alexandria Bay

Dear Mrs. Kappert:

Enclosed is a copy of page 2 of Medicare Hospital Mortality Information (1987).

There is an error on the line underlined. Register [redacted] shows principal diagnosis to be 5889. It should be 5589.

We have no other comments.

Sincerely,

Joseph Kehoe

F. Joseph Kehoe
Administrator

FJK/phy

Enclosure

E J NOBLE-GOUVERNEUR

77 W BARNEY ST
GOUVERNEUR, NY 13642

Medicare Hospital Provider Number: 330177

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	235	14	10 - 20	235	13	8 - 18
Cancer	6	83	21 - 82	6	50	12 - 79
Cerebrovascular Accidents	7	43	5 - 71	9	33	11 - 68
Gastrointestinal Catastrophes	3	33	4 - 86	2	0	2 - 88
Infectious Disease	4	25	3 - 80	1	100	2 - 97
Metabolic/Electrolyte Disorders	9	11	5 - 57	3	0	0 - 97
Pulmonary Disease	23	22	7 - 43	25	20	7 - 42
Renal Failure	1	0	3 - 99	0	-	-
Severe Acute Heart Disease	21	33	17 - 57	12	33	17 - 67
Severe Chronic Heart Disease	16	13	9 - 46	18	33	7 - 51
Severe Trauma	1	0	0 - 97	0	-	-
Gastrointestinal Disease	17	0	0 - 62	26	0	0 - 44
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	43	7	0 - 41	44	0	1 - 12
Musculoskeletal/Skin Conditions	17	6	0 - 59	17	0	0 - 89
Neuropsychiatric/Sensory Disease	0	-	-	4	0	0 -100
Urologic Disease	6	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	47
Occupancy Rate (%):	38
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	36
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

EASTERN LONG ISLAND HOSP

201 MANOR PLACE
GREENPORT, NY 11944

Medicare Hospital Provider Number: 330088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	665	12	10 - 16	654	12	10 - 16
Cancer	19	63	21 - 63	17	65	19 - 64
Cerebrovascular Accidents	15	47	9 - 57	26	19	15 - 46
Gastrointestinal Catastrophes	10	40	17 - 74	12	33	14 - 66
Infectious Disease	5	20	12 - 79	8	25	10 - 69
Metabolic/Electrolyte Disorders	9	22	3 - 63	3	0	0 - 92
Pulmonary Disease	29	31	16 - 50	38	29	12 - 43
Renal Failure	0	-	-	1	0	3 - 98
Severe Acute Heart Disease	38	39	25 - 57	31	26	24 - 56
Severe Chronic Heart Disease	44	18	13 - 37	41	29	12 - 41
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	69	1	1 - 12	69	7	1 - 19
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	87	1	1 - 9	67	3	2 - 13
Musculoskeletal/Skin Conditions	46	2	0 - 18	54	4	0 - 21
Neuropsychiatric/Sensory Disease	15	0	0 - 71	13	0	0 - 99
Urologic Disease	21	0	0 - 95	23	4	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 60
Occupancy Rate (%): 88
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 34
Percent of Physicians Who Are Board Certified Specialists: 68
Interns and Residents: 0
Registered Nurses: 50
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ELIZABETH A HORTON MEMORIAL HOSP

60 PROSPECT AVE
MIDDLETOWN, NY 10940

Medicare Hospital Provider Number: 330001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,228	13	11 - 15	2,272	13	11 - 16
Cancer	73	49	29 - 55	88	52	33 - 58
Cerebrovascular Accidents	77	31	18 - 40	77	26	17 - 38
Gastrointestinal Catastrophes	22	55	18 - 61	21	52	16 - 60
Infectious Disease	35	31	21 - 54	32	31	23 - 58
Metabolic/Electrolyte Disorders	29	34	14 - 52	49	35	16 - 47
Pulmonary Disease	135	26	18 - 36	140	21	16 - 33
Renal Failure	9	44	14 - 79	8	38	12 - 78
Severe Acute Heart Disease	96	29	29 - 50	98	38	30 - 51
Severe Chronic Heart Disease	148	20	17 - 32	137	23	18 - 34
Severe Trauma	2	0	2 - 89	1	100	0 - 97
Gastrointestinal Disease	172	4	1 - 9	155	3	2 - 8
Gynecologic Disease	19	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	311	4	1 - 7	305	4	2 - 7
Musculoskeletal/Skin Conditions	192	2	0 - 7	203	2	1 - 7
Neuropsychiatric/Sensory Disease	77	0	0 - 8	58	2	0 - 21
Urologic Disease	91	1	0 - 17	80	0	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 272
Occupancy Rate (%): 84
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 110
Percent of Physicians Who Are Board Certified Specialists: 73
Interns and Residents: 0
Registered Nurses: 297
Licensed Practical Nurses: 33

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

Horton Memorial Hospital

60 Prospect Avenue
Middletown, New York 10940
(914) 343-2424

John W Norton
President & Chief Executive Officer

September 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

As per our discussion on September 19th, enclosed is a copy of HCFA mortality information for Horton Memorial Hospital, ID#33001, with AHA hospital characteristics from 1986 and 1987 annotated in red.

We have no other comments on the data.

Sincerely,

James M. Pierce
Vice President/Clinical Services

JMP:emd
Enclosure

ELIZABETHTOWN COMMUNITY HOSP

PARK ST
ELIZABETHTOWN, NY 12932

Medicare Hospital Provider Number: 330252

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	241	8	9 - 17	224	15	10 - 20
Cancer	9	44	16 - 75	10	80	22 - 72
Cerebrovascular Accidents	18	22	13 - 52	9	11	11 - 59
Gastrointestinal Catastrophes	0	-	-	2	50	5 - 93
Infectious Disease	0	-	-	2	0	2 - 88
Metabolic/Electrolyte Disorders	1	0	0 - 97	6	0	1 - 63
Pulmonary Disease	15	13	8 - 47	9	33	8 - 66
Renal Failure	0	-	-	4	50	12 - 91
Severe Acute Heart Disease	11	9	14 - 56	11	36	9 - 63
Severe Chronic Heart Disease	17	12	7 - 42	16	13	12 - 48
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	27	0	0 - 26	24	17	0 - 70
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	42	0	0 - 14	35	0	1 - 14
Musculoskeletal/Skin Conditions	26	4	1 - 29	25	8	0 - 43
Neuropsychiatric/Sensory Disease	13	0	0 - 91	8	0	0 - 99
Urologic Disease	2	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ELLENVILLE COMMUNITY HOSP

RT 209
ELLENVILLE, NY 12428

Medicare Hospital Provider Number: 330327

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	376	11	8 - 15	393	14	8 - 16
Cancer	8	88	17 - 69	8	88	24 - 75
Cerebrovascular Accidents	13	15	8 - 51	20	25	14 - 52
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	4	25	9 - 83	0	-	-
Metabolic/Electrolyte Disorders	1	0	3 - 99	3	33	2 - 87
Pulmonary Disease	15	0	9 - 35	18	22	9 - 49
Renal Failure	0	-	-	1	0	0 -100
Severe Acute Heart Disease	24	46	18 - 57	22	32	20 - 59
Severe Chronic Heart Disease	38	21	12 - 39	24	54	8 - 48
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	33	3	0 - 30	37	11	0 - 55
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	70	1	1 - 11	85	1	1 - 9
Musculoskeletal/Skin Conditions	35	3	0 - 25	33	6	0 - 46
Neuropsychiatric/Sensory Disease	24	0	0 - 49	24	0	0 - 61
Urologic Disease	10	0	0 -100	11	9	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	59
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	39
Interns and Residents:	0
Registered Nurses:	30
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ELLIS HOSP

1101 NOTT ST
SCHENECTADY, NY 12308

Medicare Hospital Provider Number: 330153

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,015	12	12 - 16	2,878	11	11 - 15
Cancer	151	43	33 - 54	140	42	32 - 53
Cerebrovascular Accidents	142	19	20 - 35	115	21	19 - 36
Gastrointestinal Catastrophes	21	10	16 - 49	18	22	14 - 56
Infectious Disease	42	33	21 - 53	35	31	16 - 50
Metabolic/Electrolyte Disorders	40	15	14 - 43	34	18	8 - 40
Pulmonary Disease	197	25	20 - 36	171	22	16 - 32
Renal Failure	12	33	10 - 70	22	32	21 - 74
Severe Acute Heart Disease	174	30	31 - 48	141	28	30 - 48
Severe Chronic Heart Disease	118	16	15 - 31	132	24	17 - 33
Severe Trauma	11	18	11 - 61	7	43	5 - 72
Gastrointestinal Disease	196	2	2 - 7	185	3	1 - 8
Gynecologic Disease	14	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	327	1	2 - 5	320	2	2 - 6
Musculoskeletal/Skin Conditions	270	4	1 - 7	323	1	1 - 5
Neuropsychiatric/Sensory Disease	162	2	1 - 8	158	1	0 - 6
Urologic Disease	102	0	0 - 7	119	0	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	413
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

ELLIS
HOSPITAL 1101 Nott Street, Schenectady, New York 12308 • 518 382-4124

October 17, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
Washington, D.C. 20201

Dear Dr. Roper:

Our initial positive reaction on the first reading of the results of the HCFA mortality study was changed to one of concern as we analyzed the report and considered the implications of the sweeping conclusions which the media and the public will draw from the data. Similar concerns were expressed to you about the 1987 HCFA report and, indeed, proved to be accurate.

That Ellis Hospital is reported as well below the middle range of predicted mortality rates is positive, in so far as the criteria and their interpretation may be considered valid. We have grave concern about the validity and accuracy of the data and the blanket applicability of mortality as the measurement of the quality of care.

You can understand the difficulty we have in accepting the accuracy of the interpretation of the data when the very sample of hospital characteristics presented for Ellis Hospital are themselves incorrect. For example, we do not have an organ transplant service as shown, but we do have one of the finest coronary care units in the region.

Our concern is not with the relative standing of Ellis Hospital but with the manner in which the data will be understood by those less technically sophisticated than your staff.

This response letter is not the forum for expression of our technical or statistical concerns but it is appropriate to report to you some of the other reasons for our response:

> The range of some of the predicted mortality rates is so broad as to be meaningless. One example: the range of predicted mortality for gynecologic disease is 0 to 100 %. Such a vast range may be statistically valid but must be considered beyond the comprehension of the lay audience which will read the data in their local newspaper.
>
> A very basic question is not answered: Is mortality, universally, the best measure of quality? There are many instances where mortality is clearly not indicated as a measure of quality. A hospice patient is one example. A criterion for enrollment in a hospice program is the assumption that death will occur within a short period of time.
>
> Mortality is merely one of several measures of quality. Unfortunately, the HCFA report will suggest to the public that death is the best criterion for measurement of the quality of health care services. This is misleading. Although you may issue a disclaimer when the report is released to the media, public presentations will ignore that disclaimer.
>
> Curiously, although the fact of a death is indicated, the actual cause of death is not specified and the cause of death could easily be a factor other than the diagnosis used for hospitalization and the condition for which the patient was treated.
>
> Significant related medical conditions cannot be listed and, therefore, are not considered in the analysis. As a result, HCFA's list of expected mortality would be artificially low. The absence of related medical conditions may be one of the shortcomings of the source document, the federal document UB-82. This is not a good source for this type of analysis because, among other reasons, the form has space to list only five diagnoses even though a patient could suffer from twice that number. And, the actual cause of death may differ from the diagnosis for which the patient is treated. This, too, is ignored in the HCFA report.

Our greatest concerns do not relate to the technical aspects of the government's analysis; the health economists and biostatisticians may argue the nuances for years to come. Our concerns are the reactions of the people whom you are attempting to serve with data, the consuming public.

The data interpreted in this report will be further interpreted and further simplified by the media. There must be serious doubt about the value of the data to the public after it has been further synthesized,summarized and reported in the media.

Your very proper disclaimer that the data should not be used to compare one hospital to another is factually correct but practically of little value. Such comparisons will be made in the media and, in fact, incorrect conclusions will be drawn and publicized widely.

While it is important for government to collect and disseminate national and regional data for the benefit of the consuming public, this attempt to establish the quality of care at individual institutions, using only mortality data, remains a disservice to the public.

Sincerely yours,

G.B. Serrill
President

EMMA LAING STEVENS HOSP

48 NORTH ST
GRANVILLE, NY 12832

Medicare Hospital Provider Number: 330257

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	76	21	14 - 33	103	21	12 - 29
Cancer	3	67	10 - 90	6	67	15 - 81
Cerebrovascular Accidents	10	30	8 - 63	8	38	8 - 69
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	1 - 97	2	0	3 - 88
Metabolic/Electrolyte Disorders	7	0	7 - 55	4	25	1 - 83
Pulmonary Disease	8	38	7 - 68	12	42	9 - 62
Renal Failure	1	0	2 - 97	0	-	-
Severe Acute Heart Disease	2	0	8 - 91	7	43	14 - 77
Severe Chronic Heart Disease	17	18	12 - 50	13	38	7 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	6	0	0 - 87
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	17	0 -100	5	0	0 -100
Musculoskeletal/Skin Conditions	5	20	0 - 93	9	0	0 - 99
Neuropsychiatric/Sensory Disease	0	-	-	7	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 25
Occupancy Rate (%): (not available)
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

ERIE CO MED CTR

462 GRIDER ST
BUFFALO, NY 14215

Medicare Hospital Provider Number: 330219

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,064	13	10 - 15	2,228	13	10 - 14
Cancer	53	53	28 - 58	71	38	29 - 55
Cerebrovascular Accidents	70	27	16 - 38	66	21	16 - 38
Gastrointestinal Catastrophes	26	38	14 - 54	27	33	15 - 54
Infectious Disease	25	36	20 - 59	42	36	24 - 56
Metabolic/Electrolyte Disorders	43	14	8 - 36	38	16	14 - 44
Pulmonary Disease	135	30	18 - 36	119	26	16 - 35
Renal Failure	54	22	10 - 56	39	26	9 - 59
Severe Acute Heart Disease	93	32	28 - 49	96	38	28 - 49
Severe Chronic Heart Disease	98	9	17 - 31	100	18	15 - 32
Severe Trauma	8	25	5 - 66	10	40	6 - 66
Gastrointestinal Disease	62	5	1 - 18	68	7	0 - 37
Gynecologic Disease	6	0	0 -100	8	13	0 -100
Low-Risk Heart Disease	273	4	1 - 7	291	4	1 - 7
Musculoskeletal/Skin Conditions	154	3	0 - 9	129	2	0 - 8
Neuropsychiatric/Sensory Disease	156	2	1 - 8	292	2	0 - 6
Urologic Disease	40	0	0 - 16	50	2	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	610
Occupancy Rate (%):	88
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	544
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	130
Registered Nurses:	472
Licensed Practical Nurses:	124

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

F F THOMPSON HOSP

350 PARRISH ST
CANANDAIGUA, NY 14424

Medicare Hospital Provider Number: 330074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,032	11	9 - 14	1,045	13	10 - 16
Cancer	35	57	28 - 62	43	56	29 - 61
Cerebrovascular Accidents	48	29	14 - 41	38	34	14 - 45
Gastrointestinal Catastrophes	6	33	5 - 73	19	32	12 - 56
Infectious Disease	6	50	10 - 77	6	0	13 - 64
Metabolic/Electrolyte Disorders	9	33	5 - 65	9	22	2 - 64
Pulmonary Disease	62	23	16 - 40	66	24	15 - 39
Renal Failure	5	80	8 - 80	7	43	11 - 80
Severe Acute Heart Disease	40	30	26 - 55	48	40	27 - 55
Severe Chronic Heart Disease	46	13	14 - 36	43	33	12 - 41
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	76	4	0 - 16	85	2	1 - 11
Gynecologic Disease	10	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	74	4	1 - 15	77	4	2 - 13
Musculoskeletal/Skin Conditions	123	2	1 - 8	121	3	0 - 11
Neuropsychiatric/Sensory Disease	43	2	0 - 24	49	0	0 - 15
Urologic Disease	44	0	0 - 41	38	0	0 - 40

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	113
Occupancy Rate (%):	78
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	65
Percent of Physicians Who Are Board Certified Specialists:	49
Interns and Residents:	0
Registered Nurses:	102
Licensed Practical Nurses:	42

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

The Frederick Ferris Thompson Hospital
A VOLUNTARY NON-PROFIT COMMUNITY ORGANIZATION
Canandaigua, New York 14424

Medicare Provider #330074

HEALTH CARE FINANCING ADMINISTRATION (HCFA) DATE RELEASE

As part of the Quality Assurance program at F. F. Thompson Hospital, all mortalities are reviewed and evaluated. Therefore, prior to the release of the mortality rates by HCFA these deaths occurring in 1986/1987 had already been reviewed. However, upon receipt of these data in a different format, the Medical Staff Quality Assurance Committee once again reviewed the charts of these Medicare patients to ascertain whether further review was necessary. The findings of the Committee were that no chart after review needed further investigation. Therefore, the medical management of all the cases was deemed to be appropriate.

In the context of the HCFA methodology, which even according to HCFA has its limitations, Thompson Hospital's actual mortality rates fall within the expected mortality rates established by HCFA. The Hospital found in reviewing these data that one case was incorrectly coded as a mortality. In addition a number of 1988 cases were included in the 1987 data.

Some additional comments that provide more understanding of the data pertaining to the 114 deaths assigned to F. F. Thompson Hospital in 1987 are as follows:

- 42% of the deaths occurred while not hospital inpatients
- 7.5% of the patients died within 24 hours of admission
- 5% died within 48 hours of admission
- 47% were 80 years of age or older
- 28% were 85 years of age or older
- 13% were 90 years of age or older.

F. F. Thompson Hospital is a 113 bed acute care facility including a seven bed Critical Care Unit operating at an overall 80% occupancy rate. 68% of our 78 member Medical Staff are Board Certified. There is a 1.0 RN and .35 LPN per bed ratio.

The F. F. Thompson Quality Assurance program is designed to objectively and systematically monitor and evaluate the quality and appropriateness of patient care, pursue opportunities to improve patient care, and resolve identified problems.

The governing body strives to assure high-quality patient care supporting the establishment and maintenance of an effective hospital-wide quality assurance program.

Clinical and administrative staffs monitor and evaluate the quality and appropriateness of patient care and clinical performance, resolve identified problems, and report information to the governing body.

FAXTON HOSP

1676 SUNSET AVE
UTICA, NY 13502

Medicare Hospital Provider Number: 330048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,545	15	12 - 17	1,583	16	13 - 18
Cancer	84	35	30 - 54	74	35	30 - 55
Cerebrovascular Accidents	84	30	19 - 40	89	30	18 - 38
Gastrointestinal Catastrophes	13	31	15 - 65	16	25	18 - 62
Infectious Disease	19	32	20 - 62	23	43	19 - 60
Metabolic/Electrolyte Disorders	30	23	14 - 49	52	23	14 - 43
Pulmonary Disease	121	21	16 - 34	115	25	17 - 36
Renal Failure	3	67	6 - 88	4	75	11 - 88
Severe Acute Heart Disease	72	47	26 - 51	78	45	31 - 55
Severe Chronic Heart Disease	86	22	13 - 32	101	32	15 - 35
Severe Trauma	3	0	4 - 79	2	100	2 - 89
Gastrointestinal Disease	170	5	1 - 10	145	4	1 - 10
Gynecologic Disease	24	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	116	3	1 - 9	127	4	1 - 10
Musculoskeletal/Skin Conditions	99	6	1 - 15	71	1	1 - 11
Neuropsychiatric/Sensory Disease	52	2	0 - 26	81	2	0 - 18
Urologic Disease	51	4	0 - 45	57	2	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 122
Occupancy Rate (%): 86
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 109
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 151
Licensed Practical Nurses: 24

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

THE FAXTON HOSPITAL
1676 Sunset Ave. • Utica, N.Y. 13502 • (315) 732-3101

October 24, 1988

Health Standards & Quality Bureau, HCFA
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore,Maryland 21207

MC Provider #330048

Dear Mrs. Kappert:

The Faxton Hospital Quality Assurance Department has received the Mortality data issued to us on September 15, 1988. The discrepancies (4) we have noted are attached. When we identified an error of date (1), we have supplied the appropriate date.

Thank you for your consideration of our assessment.

Sincerely,

Phyllis Hasenauer

Phyllis Hasenauer
Director of Quality Assurance &
Resource Management

PH:har
Encl

FLUSHING HOSP MEDICAL CENTER

45TH AVE AND PARSONS BLVD
FLUSHING, NY 11355

Medicare Hospital Provider Number: 330193

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,286	17	13 - 18	3,293	16	14 - 18
Cancer	97	35	30 - 53	134	36	33 - 55
Cerebrovascular Accidents	175	31	21 - 37	185	28	22 - 37
Gastrointestinal Catastrophes	31	42	19 - 56	34	41	20 - 56
Infectious Disease	73	30	25 - 51	76	38	26 - 53
Metabolic/Electrolyte Disorders	58	38	16 - 47	43	28	12 - 44
Pulmonary Disease	211	32	24 - 40	217	32	22 - 38
Renal Failure	22	36	24 - 76	15	33	19 - 77
Severe Acute Heart Disease	186	40	32 - 49	197	38	33 - 50
Severe Chronic Heart Disease	226	30	18 - 32	225	27	19 - 33
Severe Trauma	10	20	11 - 64	8	25	9 - 69
Gastrointestinal Disease	201	5	1 - 9	199	5	2 - 9
Gynecologic Disease	25	0	0 -100	26	4	0 -100
Low-Risk Heart Disease	377	5	2 - 7	362	3	2 - 6
Musculoskeletal/Skin Conditions	192	5	1 - 9	210	6	1 - 9
Neuropsychiatric/Sensory Disease	37	3	1 - 21	131	1	1 - 7
Urologic Disease	159	3	1 - 9	131	5	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	424
Occupancy Rate (%):	86
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	559
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	80
Registered Nurses:	389
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

FRANKLIN GENERAL HOSP

900 FRANKLIN AVE
VALLEY STREAM, NY 11580

Medicare Hospital Provider Number: 330372

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,827	13	11 - 16	2,540	13	12 - 16
Cancer	128	44	32 - 54	123	38	33 - 55
Cerebrovascular Accidents	177	29	20 - 36	154	23	22 - 37
Gastrointestinal Catastrophes	20	10	23 - 57	15	53	18 - 67
Infectious Disease	18	33	21 - 64	19	53	16 - 61
Metabolic/Electrolyte Disorders	74	28	20 - 47	18	28	9 - 53
Pulmonary Disease	100	30	18 - 39	116	22	18 - 37
Renal Failure	14	50	18 - 76	13	46	21 - 81
Severe Acute Heart Disease	121	35	28 - 47	141	41	30 - 49
Severe Chronic Heart Disease	179	24	15 - 30	177	27	18 - 33
Severe Trauma	5	0	7 - 66	3	0	4 - 79
Gastrointestinal Disease	252	3	2 - 7	229	2	1 - 6
Gynecologic Disease	15	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	331	2	2 - 6	326	2	2 - 6
Musculoskeletal/Skin Conditions	250	2	1 - 6	197	3	2 - 7
Neuropsychiatric/Sensory Disease	73	3	1 - 13	92	2	0 - 12
Urologic Disease	133	4	0 - 13	122	2	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	305
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	421
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	222
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

GENERAL HOSP OF SARANAC LAKE

LAKE COLBY DRIVE
SARANAC LAKE, NY 12983

Medicare Hospital Provider Number: 330079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,039	10	9 - 14	926	10	9 - 14
Cancer	40	42	29 - 62	28	46	24 - 62
Cerebrovascular Accidents	36	19	13 - 40	23	17	13 - 46
Gastrointestinal Catastrophes	12	17	10 - 57	7	57	7 - 72
Infectious Disease	9	22	8 - 64	3	0	4 - 79
Metabolic/Electrolyte Disorders	6	0	9 - 61	7	29	2 - 73
Pulmonary Disease	49	18	13 - 37	43	26	14 - 42
Renal Failure	4	50	13 - 91	3	0	6 - 83
Severe Acute Heart Disease	39	46	25 - 57	43	35	24 - 53
Severe Chronic Heart Disease	36	28	11 - 41	37	27	13 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	104	1	2 - 8	91	1	1 - 9
Gynecologic Disease	21	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	90	3	2 - 11	81	4	1 - 13
Musculoskeletal/Skin Conditions	147	2	1 - 8	107	2	1 - 9
Neuropsychiatric/Sensory Disease	46	2	0 - 21	42	0	0 - 15
Urologic Disease	42	0	0 - 19	42	2	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 91
Occupancy Rate (%): 88
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 42
Percent of Physicians Who Are Board Certified Specialists: 81
Interns and Residents: 0
Registered Nurses: 103
Licensed Practical Nurses: 38

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

GENESEE HOSP

244 ALEXANDER ST
ROCHESTER, NY 14607

Medicare Hospital Provider Number: 330183

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,219	10	10 - 14	3,014	11	10 - 14
Cancer	124	27	28 - 49	127	38	28 - 50
Cerebrovascular Accidents	151	26	19 - 35	125	30	19 - 37
Gastrointestinal Catastrophes	41	32	18 - 51	41	15	26 - 55
Infectious Disease	30	27	16 - 51	27	22	15 - 50
Metabolic/Electrolyte Disorders	41	15	15 - 44	34	29	17 - 51
Pulmonary Disease	110	23	17 - 35	120	25	17 - 36
Renal Failure	15	27	15 - 71	12	25	20 - 78
Severe Acute Heart Disease	124	35	31 - 51	133	37	31 - 49
Severe Chronic Heart Disease	145	26	15 - 31	137	23	18 - 34
Severe Trauma	10	40	7 - 66	6	33	3 - 74
Gastrointestinal Disease	164	3	1 - 8	159	2	1 - 7
Gynecologic Disease	32	0	0 -100	37	0	0 -100
Low-Risk Heart Disease	307	3	2 - 6	297	3	2 - 7
Musculoskeletal/Skin Conditions	362	1	1 - 4	288	1	1 - 5
Neuropsychiatric/Sensory Disease	328	2	1 - 6	340	2	0 - 6
Urologic Disease	111	3	0 - 12	89	0	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	421
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	366
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	56
Registered Nurses:	414
Licensed Practical Nurses:	45

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

GENESEE MEMORIAL HOSP

127 NORTH ST
BATAVIA, NY 14020

Medicare Hospital Provider Number: 330073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	720	12	10 - 16	732	11	11 - 17
Cancer	21	62	28 - 69	20	55	29 - 71
Cerebrovascular Accidents	26	31	11 - 47	24	25	13 - 49
Gastrointestinal Catastrophes	5	20	8 - 76	2	100	4 - 89
Infectious Disease	3	33	1 - 87	2	50	4 - 92
Metabolic/Electrolyte Disorders	29	34	10 - 48	13	38	7 - 60
Pulmonary Disease	46	20	13 - 38	52	13	16 - 38
Renal Failure	1	0	0 -100	0	-	-
Severe Acute Heart Disease	38	32	26 - 56	44	30	27 - 55
Severe Chronic Heart Disease	50	12	14 - 34	73	19	17 - 37
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	36	0	1 - 16	73	1	1 - 11
Gynecologic Disease	5	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	122	7	1 - 12	101	1	2 - 8
Musculoskeletal/Skin Conditions	50	4	0 - 35	36	3	0 - 27
Neuropsychiatric/Sensory Disease	25	0	0 - 49	29	3	0 - 35
Urologic Disease	39	0	0 - 22	37	5	0 - 41

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 73
Occupancy Rate (%): 88
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 52
Percent of Physicians Who Are Board Certified Specialists: 40
Interns and Residents: 0
Registered Nurses: 88
Licensed Practical Nurses: 19

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Genesee Memorial Hospital
127 NORTH ST. BATAVIA, N.Y. 14020 (716) 343-6030

October 19, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

The only errors we find in your medicare hospital mortality information report, as described on the attached sheet, is under hospital characteristics. This Hospital has had a coronary care unit since 1970 of four (4) beds. Your report lists Genesee Memorial as having none. We are listed in the AHA guide issue as having a mixed coronary care and intensive care unit of eight (8) beds.

Thank you for this opportunity.

Sincerely,

F. James Murphy
Administrator

FJM/pwd

GENEVA GEN HOSP

196 198 NORTH ST
GENEVA, NY 14456

Medicare Hospital Provider Number: 330058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,018	12	10 - 15	984	12	9 - 15
Cancer	43	60	35 - 66	38	53	27 - 61
Cerebrovascular Accidents	41	34	15 - 44	35	29	12 - 43
Gastrointestinal Catastrophes	10	60	12 - 69	9	33	9 - 67
Infectious Disease	3	0	2 - 80	2	0	2 - 88
Metabolic/Electrolyte Disorders	4	0	1 - 78	11	18	7 - 57
Pulmonary Disease	30	27	11 - 44	35	17	11 - 39
Renal Failure	2	50	4 - 93	5	60	14 - 89
Severe Acute Heart Disease	54	41	23 - 51	49	39	26 - 55
Severe Chronic Heart Disease	56	16	16 - 36	57	28	14 - 39
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	79	4	1 - 14	79	1	0 - 12
Gynecologic Disease	9	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	93	3	1 - 11	83	1	1 - 9
Musculoskeletal/Skin Conditions	130	2	0 - 9	123	1	0 - 7
Neuropsychiatric/Sensory Disease	27	0	0 - 31	41	0	0 - 20
Urologic Disease	36	0	0 - 39	37	0	0 - 46

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	156
Occupancy Rate (%):	84
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	54
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	86
Licensed Practical Nurses:	65

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Geneva General Hospital
196 North Street, Geneva, N.Y. 14456 • (315) 789-4222

October 24, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Provider #: 330058

Dear Mrs. Kappert:

In our attempt to corroborate the analysis of the mortality data at Geneva General Hospital, we found again this year that it was difficult to compare the total patient information. Our patient information is recorded on the basis of discharge, not admission. However, this difference doesn't completely explain the discrepancies. These discrepancies may be reflected in the fact that HCFA has only recorded the last admission of a patient. HCFA has also included patients who expired within 30 days of admission to Geneva General Hospital but did not expire in our hospital.

Our efforts to compare this data were concentrated in the areas where we had the highest actual mortality rate, "Cancer" and "G.I. Catastrophes". The comparative data included the actual number, and we were able to identify that all of the patients included on the HCFA list had been treated at some point at Geneva General Hospital; however, they did not necessarily expire here. Our analyses of the actual diagnostic information on these groups of patients indicated that, with the cancer patients, we are generally dealing with elderly patients that have a progressive terminal disease that has metastasized to other sites and is complicated by other co-morbidities generally related to old age, i.e. heart and lung disease. This was also found true with the G.I. Catastrophes, the average age being 77; most of the patients had other underlying disease entities which complicated their stay and impacted on the predicted mortality rates in this category.

Analyzing the 1986 data provided with the 1987 data, we also found that the predicted rates for the two years had changed somewhat dramatically in some categories. In regards to the cancer patients our rate has gone from 53% to 60%, which is still within the predicted range for both years; we had a higher patient population in 1987 with this diagnosis, which can account for the higher rate. We are seeing patients for terminal care at this facility without the advantages of a hospice or other type of unit within the area to care for the terminally ill. Therefore, we feel that Geneva General's predicted mortality rate is probably within a reasonable range based on the severity of the disease in the patients we treat.

We recognize that mortality rate is not the only indicator for quality, although we do find this information useful. In fact, we use mortality rates internally as an indicator of potential quality problem areas and review all deaths to determine the reason and to monitor our quality of care.

Very truly yours,

Barbara A. H

Barbara A. Heins, Vice-President
Quality Assurance/Risk Management

BAH/mkz

GLENS FALLS HOSPITAL

100 PARK STREET
GLENS FALLS, NY 12801

Medicare Hospital Provider Number: 330191

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,422	11	10 - 14	3,529	10	10 - 14
Cancer	163	47	33 - 53	130	30	32 - 54
Cerebrovascular Accidents	113	27	18 - 36	120	23	19 - 36
Gastrointestinal Catastrophes	40	35	19 - 53	35	29	19 - 53
Infectious Disease	18	33	15 - 59	31	23	19 - 52
Metabolic/Electrolyte Disorders	47	17	11 - 40	50	32	13 - 43
Pulmonary Disease	176	23	16 - 32	156	21	16 - 32
Renal Failure	15	40	18 - 75	20	40	15 - 70
Severe Acute Heart Disease	161	32	28 - 46	156	32	29 - 47
Severe Chronic Heart Disease	160	26	16 - 32	192	24	17 - 31
Severe Trauma	3	0	1 - 82	2	100	2 - 88
Gastrointestinal Disease	258	3	1 - 7	283	2	1 - 6
Gynecologic Disease	37	0	0 -100	41	0	0 - 97
Low-Risk Heart Disease	324	2	2 - 6	314	3	2 - 7
Musculoskeletal/Skin Conditions	326	2	2 - 6	333	2	1 - 5
Neuropsychiatric/Sensory Disease	252	1	1 - 6	299	1	1 - 5
Urologic Disease	174	0	0 - 5	151	2	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	440
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	136
Percent of Physicians Who Are Board Certified Specialists:	84
Interns and Residents:	0
Registered Nurses:	373
Licensed Practical Nurses:	164

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

GOOD SAMARITAN HOSPITAL

ROUTE 59
SUFFERN, NY 10901

Medicare Hospital Provider Number: 330158

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,628	13	11 - 15	2,529	13	11 - 16
Cancer	95	49	32 - 56	96	47	34 - 58
Cerebrovascular Accidents	122	26	20 - 38	110	34	19 - 39
Gastrointestinal Catastrophes	28	36	19 - 57	29	31	20 - 57
Infectious Disease	28	32	21 - 58	32	34	27 - 63
Metabolic/Electrolyte Disorders	50	26	13 - 43	38	21	12 - 43
Pulmonary Disease	171	28	20 - 37	163	23	21 - 37
Renal Failure	25	40	18 - 70	17	12	15 - 66
Severe Acute Heart Disease	75	32	29 - 52	80	25	30 - 52
Severe Chronic Heart Disease	132	20	16 - 31	121	26	16 - 34
Severe Trauma	3	33	5 - 86	4	50	5 - 82
Gastrointestinal Disease	201	5	1 - 9	218	7	1 - 10
Gynecologic Disease	15	7	0 - 85	16	0	0 -100
Low-Risk Heart Disease	341	2	2 - 6	326	2	2 - 6
Musculoskeletal/Skin Conditions	237	3	1 - 7	218	3	1 - 7
Neuropsychiatric/Sensory Disease	86	0	1 - 7	93	3	0 - 13
Urologic Disease	119	1	0 - 8	120	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	370
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	382
Licensed Practical Nurses:	70

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

GOOD SAMARITAN HOSPITAL

1000 MONTAUK HIGHWAY
WEST ISLIP, NY 11795

Medicare Hospital Provider Number: 330286

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,749	15	11 - 15	3,557	15	11 - 16
Cancer	191	53	32 - 52	171	50	35 - 55
Cerebrovascular Accidents	157	25	19 - 34	175	29	21 - 37
Gastrointestinal Catastrophes	45	40	22 - 55	37	51	19 - 55
Infectious Disease	53	40	21 - 51	31	35	20 - 56
Metabolic/Electrolyte Disorders	56	27	10 - 39	53	19	11 - 39
Pulmonary Disease	157	35	16 - 35	151	23	18 - 35
Renal Failure	32	34	17 - 67	15	33	16 - 73
Severe Acute Heart Disease	180	42	29 - 47	165	35	29 - 47
Severe Chronic Heart Disease	267	25	16 - 29	266	25	18 - 31
Severe Trauma	4	50	3 - 82	5	20	3 - 75
Gastrointestinal Disease	325	2	1 - 6	328	2	1 - 6
Gynecologic Disease	25	0	0 -100	24	0	0 -100
Low-Risk Heart Disease	552	2	2 - 5	457	3	2 - 6
Musculoskeletal/Skin Conditions	261	5	1 - 8	246	3	1 - 7
Neuropsychiatric/Sensory Disease	55	4	0 - 28	114	0	0 - 6
Urologic Disease	119	0	0 - 6	109	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 515
Occupancy Rate (%): 97
Ownership/Control: Church

STAFFING

Total Number of Physicians: 446
Percent of Physicians Who Are Board Certified Specialists: 65
Interns and Residents: 0
Registered Nurses: 273
Licensed Practical Nurses: 99

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

GOOD SAMARITAN HOSPITAL

1000 Montauk Highway • West Islip, Long Island, N. Y. 11795

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadow East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the HCFA Medicare mortality information received September 16th and appreciate the opportunity given to comment on the model, and specifically the data as it relates to Good Samaritan Hospital, West Islip, N.Y.

Many of our comments are general in nature, since the complex statistical model used by HCFA is not comprehensive or detailed enough to objectively access the many factors involved in patient outcome. While we believe this severely limits the usefulness of the data in comparing hospitals objectively, we do feel that the development and refinement of such models will have broad utility in our on-going efforts to monitor Quality Assurance activities at the Hospital.

Our specific comments include:

1. Hospital Program Information is Incorrect.

The hospital characteristics referenced for Good Samaritan by HCFA are in error. The Hospital is licensed to operate 415 beds, not 330 as listed. This includes a 12-bed Coronary Care Unit and a 13-bed ICU. While the hospital provides organ transplant referral, and is a participant in area organ donation networks, it does not operate an organ transplant service as indicated by HCFA.

In addition to inpatient services, the Hospital operates a 15-station Chronic Dialysis Center, a 100-bed Long Term Care facility and a community health center. Programs undertaken for post-acute care patients also include both short- and long-term home health care agencies and a hospice-like program for the terminally ill.

2. The use of MEDPAR DRG Information Has Limitations.

The principal source of data for the mortality analysis was the HCFA Medicare Provider Analysis and Review (MEDPAR) file which is generated from billing information submitted by hospitals to the HCFA. This information is DRG based which only aggregates patient discharges into homogenous groups based on cost. It does not reflect the actual clinical characteristics of the patients within each DRG, nor is it sensitive to age distributions within the patient population aged 65 years and above.

Good Samaritan Hospital treats a large elderly population within its service area. In contrast to other regions of the country, these patients are typically "older" within the 65 and above age group identified by MEDPAR. Observed mortality rates may be higher in relation to other facilities simply because high risk factors associated with these older patients have not been sufficiently recognized in the DRG information presented by HCFA.

Similarly, the MEDPAR file does not recognize that hospitals serving a socio-economically depressed population will have high mortality rates because of factors relating to diet and lifestyle. Good Samaritan Hospital operates a community health center located in an area identified as one of the highest health risk areas in Suffolk County. It may be expected that hospitals treating such patients may encounter more latent medical conditions which expose the population to higher than average morbidity and mortality rates. These factors are not adequately addressed in the MEDPAR data file.

3. Coding Differences Between Hospitals May Distort Expected Mortality Rates.

The use of DRG based information to determine expected mortality rates fails to identify coding practices which may understate the actual severity of illness. The DRG system uses a hierarchy in assignment of patients being categorized by the system. This assignment is dependent upon specific coding requirements which involve underlying co-morbidities in the patient record. If these co-morbidities are not coded into the abstract used by Medicare, the patient classification will fall to a "less intense" DRG. It will follow that the expected mortality rate is lower when in fact, a review of the medical record will reveal that co-morbidities do exist which contributed to the patient outcome.

In its review of 1987 Medicare patient records, Good Samaritan identified all patients for whom co-morbidities were not established in the Medicare abstract. A review of these abstracts revealed that twenty percent of discharges did not reflect any underlying co-morbidities. In re-reviewing the actual medical records for those in this group who expired, it was found that co-morbidities did exist in ninety percent of the cases. The lack of this co-morbidity information may significantly alter the number of deaths expected to occur by the HCFA statistical model.

This review underscores the fact, that coding practices dramatically alter the classification of the patient and the underlying statistical probability of death when assessment is based on statistical data and not on the clinical assessment of the patient.

4. The Range of Services Offered By a Hospital May Significantly Affect Mortality Rates.

Good Samaritan Hospital provides a wide array of complex diagnostic and therapeutic services. For example, the Hospital is one of the few institutional providers of chronic end-stage renal dialysis services in Suffolk County.

Since this service treats patients from a wide area, the resulting inpatient referrals are typically very ill, and in need of complex treatment regimens. The mortality data, if used to compare institutions, will not accurately reflect this and may distort the comparison for this group.

This is particularly true in the use of other technology used in high risk patients, including therapeutic radiology, intensive cardiology and oncology services, etc. Hospitals such as Good Samaritan, which offer these services, may show a higher mortality rate because these specialized services attract referrals of a very complex nature.

5. Limited Alternatives to Hospitalization in New York State May Increase Mortality in Comparison to Other Regions.

Mortality rates at Good Samaritan Hospital and other New York State facilities may reflect an inability to place elderly patients in alternative settings. In contrast to other regions, Medicare patients decertified from an acute level of care remain in New York hospitals in a skilled level awaiting placement to limited numbers of long-term care facilities. Since the HCFA Mortality data examines the last discharge within the study period, skilled patients who expire while awaiting placement are included in the Hospital's statistics. This tends to distort the picture in relation to other areas of the country where alternative placements exist.

Again, we welcome the opportunity of commenting on the HCFA data. As indicated above, it will be a useful tool in assessing patient outcomes within our established Quality Assurance Program.

We caution, however, that the use of this data to "compare" hospitals as was done last year, will severely limit its use. It will only serve to setback the many fine efforts made by HCFA and other researchers to study this and other quality issues.

Very truly yours,

Daniel P. Walsh
President

RM:ab

GOWANDA PHYCHIATRIC CTR

MEDICAL/SURGICAL UNIT
HELMUTH, NY 14079

Medicare Hospital Provider Number: 330373

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	36	19	2 - 34	40	15	1 - 31
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	50	0 - 98	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	5	20	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	4
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HARLEM HOSP CTR

506 LENOX AVE
NEW YORK, NY 10037

Medicare Hospital Provider Number: 330240

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,586	18	10 - 15	1,533	20	10 - 15
Cancer	61	48	27 - 55	58	48	29 - 58
Cerebrovascular Accidents	90	23	16 - 35	102	39	16 - 37
Gastrointestinal Catastrophes	13	46	11 - 63	10	40	8 - 66
Infectious Disease	23	52	14 - 56	17	71	18 - 63
Metabolic/Electrolyte Disorders	45	20	13 - 43	30	20	8 - 42
Pulmonary Disease	71	35	14 - 38	92	30	13 - 35
Renal Failure	18	17	9 - 61	6	83	4 - 74
Severe Acute Heart Disease	54	33	25 - 52	49	55	23 - 52
Severe Chronic Heart Disease	117	23	13 - 30	106	29	12 - 31
Severe Trauma	3	67	5 - 87	4	50	2 - 83
Gastrointestinal Disease	66	5	0 - 21	82	7	0 - 19
Gynecologic Disease	10	10	0 -100	10	0	0 -100
Low-Risk Heart Disease	169	8	1 - 12	146	9	1 - 14
Musculoskeletal/Skin Conditions	95	8	0 - 34	80	5	0 - 17
Neuropsychiatric/Sensory Disease	151	6	0 - 13	160	3	0 - 10
Urologic Disease	37	0	0 - 22	41	10	0 - 63

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	682
Occupancy Rate (%):	82
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	283
Registered Nurses:	411
Licensed Practical Nurses:	170

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Provider No. 33-0240

Harlem Hospital Center, located in the Central Harlem community in northern Manhattan, New York City, serves an extremely high risk population. In 1987, with an average occupancy rate well over 95 percent, the Hospital provided almost 225,000 days of care to all its patients. The hospital's community remains one which leads the city and the nation in deaths from important diseases of the elderly, notably cancer, stroke, and heart disease. In addition, community residents have death rates more than twice that of the nation for such illnesses as pneumonia, influenza and diabetes. Social and economic burdens contribute to increased incidence of disease and delay in seeking medical care for some patients.

Along with many other health care analysts who have criticized the HCFA analysis in scholarly journals and the press, we believe that the HCFA prediction of mortality for hospitals like ours is still not accurate. For example, the HCFA prediction model does not adequately measure the severity of patient illness on admission, it does not compensate for patient race as a factor in mortality even though epidemiological studies show Black people have significantly higher mortality for certain conditions than White people, and it does not account for the great frequency with which patients are admitted on an emergency basis to some hospitals like ours. In sum, if the prediction model is not accurate for our hospital then it is misleading to suggest that higher than "predicted" mortality may be due to quality of care problems.

We have carefully reviewed the HCFA analysis of hospital mortality information for our hospital for 1987. The information for 1986 was reviewed and commented upon last year when we found that all patients in categories where we exceeded predicted mortality were in seriously compromised conditions with death a highly probable outcome. For 1987, we are happy to note that our actual mortality rates for all specific diagnostic categories were well within the predicted ranges. Only when all cases are lumped together, including many miscellaneous diagnoses in the "all other" category, is the hospital three percentage points over the predicted rate.

We analyzed the medical charts of a representative sample of the almost 150 patients who died whose diagnoses placed them in the "all other diagnoses" category. To ensure a thorough review, we took cases in which the principal discharge diagnosis was one where death might not have been expected in the normal course of good medical care.

The results of our analysis showed that on average patients in this group were quite elderly, with 35 percent between 75 and 85 years of age and an additional 25 percent over 85. It also became clear that while patients were being admitted for various miscellaneous diagnoses, these were very seriously ill people. For example, in a full 50 percent of charts it was shown that cancer had been previously confirmed or was a suspected diagnosis during this admission. Other underlying conditions seen frequently were previous strokes, chronic heart disease and chronic lung disease. In fact, every case reviewed listed more than five complicating or underlying medical conditions. Finally, almost nine percent of patients were so seriously ill that they were actually comatose on admission.

The analysis of the quality of medical care was done using a structured form to screen charts for the adequacy of medical management and to refer any questions to physician reviewers. The review showed that the quality of treatment patients received was consistently appropriate and sensitive with no patterns of quality problems. In addition, 23 percent of charts showed patients died before they had been in the hospital 48 hours, suggesting that they succumbed to their diseases before medical intervention could take hold.

In addition to our regular activities of monitoring the quality of patient care, the Hospital has planned and secured funding for a special investigation of all those additional factors, not covered in the HCFA analysis, which we believe contribute to variation in mortality in inner-city public hospitals. Harlem Hospital Center staff remain committed to providing the highest quality medical care to secure the best possible patient outcomes.

HEMPSTEAD GEN HOSP

800 FRONT ST
HEMPSTEAD, NY 11551

Medicare Hospital Provider Number: 330333

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,399	13	12 - 16	1,557	13	10 - 15
Cancer	39	44	27 - 60	48	33	30 - 59
Cerebrovascular Accidents	69	19	19 - 39	76	22	19 - 40
Gastrointestinal Catastrophes	11	27	13 - 66	13	23	14 - 62
Infectious Disease	29	28	22 - 57	50	36	23 - 54
Metabolic/Electrolyte Disorders	53	23	15 - 44	44	20	10 - 40
Pulmonary Disease	94	38	19 - 41	97	30	19 - 40
Renal Failure	9	44	18 - 82	4	75	12 - 88
Severe Acute Heart Disease	45	27	29 - 56	46	48	25 - 54
Severe Chronic Heart Disease	67	31	15 - 38	45	29	13 - 40
Severe Trauma	3	33	5 - 86	2	50	5 - 94
Gastrointestinal Disease	80	7	1 - 19	77	6	0 - 19
Gynecologic Disease	6	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	162	4	1 - 9	172	4	1 - 9
Musculoskeletal/Skin Conditions	113	2	1 - 9	119	4	0 - 12
Neuropsychiatric/Sensory Disease	157	1	1 - 6	255	0	1 - 4
Urologic Disease	40	2	0 - 34	38	0	1 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	213
Occupancy Rate (%):	69
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	328
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	165
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HIGHLAND HOSP
DELAVAN AVE
BEACON, NY 12508

Medicare Hospital Provider Number: 330186

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	576	14	11 - 17	574	13	10 - 17
Cancer	12	67	16 - 67	17	47	23 - 69
Cerebrovascular Accidents	24	17	17 - 49	27	37	13 - 50
Gastrointestinal Catastrophes	12	50	10 - 64	5	80	17 - 84
Infectious Disease	11	27	11 - 63	11	36	10 - 65
Metabolic/Electrolyte Disorders	28	14	10 - 43	19	16	8 - 47
Pulmonary Disease	43	26	13 - 41	39	31	12 - 42
Renal Failure	1	0	3 - 98	5	20	20 - 92
Severe Acute Heart Disease	32	50	21 - 55	18	22	20 - 59
Severe Chronic Heart Disease	45	20	11 - 36	43	16	13 - 37
Severe Trauma	0	-	-	2	50	1 - 93
Gastrointestinal Disease	48	2	0 - 19	44	2	0 - 22
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	89	1	1 - 8	76	1	1 - 10
Musculoskeletal/Skin Conditions	28	7	1 - 31	34	3	0 - 33
Neuropsychiatric/Sensory Disease	16	0	0 - 56	35	0	0 - 37
Urologic Disease	20	0	0 - 83	15	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	100
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	26
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HIGHLAND HOSPITAL

SOUTH AVENUE AT BELLEVUE DRIVE
ROCHESTER, NY 14620

Medicare Hospital Provider Number: 330164

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,934	11	11 - 15	1,789	14	12 - 17
Cancer	98	34	29 - 52	84	46	31 - 56
Cerebrovascular Accidents	87	24	19 - 38	81	26	19 - 40
Gastrointestinal Catastrophes	21	43	17 - 60	17	35	20 - 66
Infectious Disease	10	50	18 - 75	13	23	17 - 64
Metabolic/Electrolyte Disorders	35	29	12 - 46	42	38	14 - 48
Pulmonary Disease	93	25	17 - 38	78	35	20 - 43
Renal Failure	6	0	15 - 73	7	43	11 - 80
Severe Acute Heart Disease	82	29	28 - 50	88	38	31 - 53
Severe Chronic Heart Disease	94	26	15 - 34	90	24	18 - 37
Severe Trauma	1	0	2 - 97	3	67	1 - 88
Gastrointestinal Disease	128	2	1 - 8	114	1	2 - 7
Gynecologic Disease	26	4	0 -100	27	0	0 -100
Low-Risk Heart Disease	193	3	2 - 8	168	5	2 - 10
Musculoskeletal/Skin Conditions	230	2	1 - 6	190	1	1 - 6
Neuropsychiatric/Sensory Disease	36	6	0 - 53	36	3	1 - 20
Urologic Disease	86	1	0 - 11	67	4	0 - 34

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	272
Occupancy Rate (%):	67
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	209
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	73
Registered Nurses:	294
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HIGHLAND HOSPITAL

October 21, 1988

Medicare Provider No. 33-0164

Health Care Financing Administration
Health Standards & Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, MD 21207

Dear Sir:

We are in receipt of data concerning mortality rates at Highland Hospital of Rochester. We appreciate the opportunity to review and comment on the data prior to its publication. We received this information on October 12, 1988 and are currently in the process of data validation.

Our initial review indicates that in two of the diagnostic categories Highland's actual mortality rate falls slightly less than the HCFA range of the predicted mortality rate. In the remaining fifteen categories, Highland's rate fell within HCFA's range of predicted mortality. Analysis, however, of all categories has been endorsed by the Quality Assurance/Risk Management Committee. We have performed initial reviews of the data and are currently performing additional more in depth scrutiny for quality assurance purposes. Particular attention is being given to an assessment of the degree to which our teaching hospital has a prevalence of patients with underlying diseases, complicating/comorbid conditions. Findings of those reviews are being forwarded through our Quality Assurance program.

Highland Hospital of Rochester has had a long standing history of commitment to providing high quality health care in the Rochester community. Fundamental to that commitment is the promotion of quality through a hospital wide Quality Assurance program. Our program encourages improvement through education, review activities and wide spread information dissemination. Receipt of the HCFA mortality data provides yet another opportunity for Highland's Board of Directors, Administration, Medical Staff and hospital staff to review an additional guide in our quest for quality assessment. Additional measures of quality care are continually being assessed for inclusion in Highland's Quality Assurance program and the HCFA data is viewed here as complementing that process.

Highland Hospital of Rochester is a 272 bed voluntary, non-profit affiliate of the University of Rochester School of Medicine and Dentistry. It has active residency teaching programs in Family Medicine, Internal Medicine, Surgery and Obstetrics/Gynecology. As a teaching hospital with the pre-requisite equipment and specialty care expertise, Highland tends to draw a severely ill patient mix.

HIGHLAND HOSPITAL OF ROCHESTER · 1000 SOUTH AVENUE · ROCHESTER, NEW YORK 14620 · (716) 473-2200

Highland receives numerous referrals to its Oncology, Pulmonary and Nephrology Departments.

Highland has developed a national reputation for being on the forefront of cancer treatment. Its innovative treatment techniques bring patients from all over the world. Many of the techniques developed and taught at Highland Hospital's Daisy Marquis Jones Oncology Center improve the care provided to cancer patients throughout the country. These include the use of the linear accelerator in intraoperative radiation procedures, hyperthermia, and other state-of-the-art modalities in surgical oncology.

Highland also plays a significant role in meeting many of the Pulmonary and Nephrology needs in the Rochester community. Review of the 1986 HCFA data confirms that a significant number of patients enter Highland through our Emergency Department for acute Pulmonary disease. A significant number of these patients are admitted from Nursing Home facilities for ventilator care.

Highland's assessment of quality care includes a continuous composite of a wide range of indicators. Departmental review of morbidity and all mortalities is one such indicator. Deaths are reviewed as are items like infection rates, Caesarean Section rates, re-admission rates, appropriateness of consultations, drug utilization, etc. These reviews are being augmented by the HCFA predicted mortality rates and Highland's actual mortality rates. Beyond individual case review, the use of aggregare data, (looking for trends and patterns) is a key component in identifying potential problems and systematically taking steps to remedy noted deficinecies.

Additionally, Highland has begun implementing Severity of Illness scoring in order to further refine our Quality Assurance and practice pattern assessments. This scoring is recognized as an important aspect of reviewing quality and making supported judgments about levels of quality.

We plan to continue to review subsequent HCFA rates issued and to incorporate the data in our on-going program of quality reviews.

Thank you for your assistance in our efforts.

Sincerely,

Sharon L. Insero

Sharon L. Insero
AVP - Quality Assurance

SLI:cr

HIP HOSP OF LONG ISLAND INC

221 JERICHO TURNPIKE
SYOSSET, NY 11791

Medicare Hospital Provider Number: 330398

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,248	12	10 - 15	1,116	13	10 - 15
Cancer	50	54	27 - 57	50	58	28 - 58
Cerebrovascular Accidents	42	26	18 - 45	45	22	17 - 42
Gastrointestinal Catastrophes	3	33	3 - 86	3	67	4 - 86
Infectious Disease	12	33	19 - 70	14	50	19 - 69
Metabolic/Electrolyte Disorders	32	38	10 - 47	14	43	5 - 58
Pulmonary Disease	56	30	20 - 46	52	23	15 - 41
Renal Failure	7	71	16 - 83	3	67	7 - 89
Severe Acute Heart Disease	54	30	26 - 52	45	44	26 - 56
Severe Chronic Heart Disease	78	22	16 - 36	60	20	16 - 38
Severe Trauma	1	0	1 - 97	1	0	2 - 97
Gastrointestinal Disease	115	3	0 - 10	116	2	0 - 9
Gynecologic Disease	5	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	166	2	1 - 7	114	4	1 - 10
Musculoskeletal/Skin Conditions	84	1	0 - 11	73	4	0 - 17
Neuropsychiatric/Sensory Disease	63	0	0 - 11	76	0	1 - 8
Urologic Disease	58	0	0 - 17	54	4	0 - 69

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	204
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	1
Registered Nurses:	134
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

HOSPITAL FOR SPECIAL SURGERY

535 E 70TH ST
NEW YORK, NY 10021

Medicare Hospital Provider Number: 330270

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,214	0	1 - 5	1,110	1	1 - 5
Cancer	7	0	17 - 62	5	40	7 - 79
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	100	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	1	0	0 -100	1	0	1 - 97
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	0	1 - 97
Severe Chronic Heart Disease	1	0	0 -100	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	5	0	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	950	0	1 - 3	855	0	0 - 3
Neuropsychiatric/Sensory Disease	16	0	0 - 98	34	0	0 - 65
Urologic Disease	0	-	-	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	192
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	128
Percent of Physicians Who Are Board Certified Specialists:	98
Interns and Residents:	61
Registered Nurses:	191
Licensed Practical Nurses:	53

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED *maintaining*

THE HOSPITAL FOR SPECIAL SURGERY

535 EAST 70TH STREET, NEW YORK, N.Y. 10021

(212) 606-1236

Donald S. Broas, F.A.C.H.E.
Vice President and
Executive Director

October 6, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The Hospital for Special Surgery has carefully reviewed the selected mortality information for Medicare patients treated at our hospital in 1987. We provide the following information for purposes of clarification.

The total number of Medicare admissions to our hospital in 1987 was 1,621 versus the reported number of 1,214.

Patient [redacted] is reported to have died on May 12, 1987. This patient in point of fact, did not die, and has been treated at this hospital in 1988.

Patient [redacted] listed in the report, died at the hospital on October 19, 1987, and within 30 days of admission. No date of death appears on the report.

We anticipate that these corrections will be incorporated into the final report. Please do not hesitate to contact the hospital for further assistance.

Sincerely,

jf

HOSPITAL-THE

PEARL ST
SIDNEY, NY 13838

Medicare Hospital Provider Number: 330016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	474	12	10 - 17	440	13	9 - 16
Cancer	4	50	12 - 88	8	50	16 - 77
Cerebrovascular Accidents	15	33	9 - 56	17	35	14 - 58
Gastrointestinal Catastrophes	3	33	5 - 87	3	67	7 - 88
Infectious Disease	4	50	5 - 82	3	0	2 - 80
Metabolic/Electrolyte Disorders	19	21	10 - 51	13	8	6 - 47
Pulmonary Disease	36	14	13 - 39	28	25	12 - 46
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	24	33	21 - 58	18	33	21 - 64
Severe Chronic Heart Disease	25	16	14 - 45	31	19	14 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	3	0 - 26	55	4	0 - 19
Gynecologic Disease	1	0	0 -100	3	33	0 -100
Low-Risk Heart Disease	80	1	1 - 9	61	5	1 - 18
Musculoskeletal/Skin Conditions	26	8	0 - 50	32	0	0 - 38
Neuropsychiatric/Sensory Disease	7	0	0 -100	8	13	0 -100
Urologic Disease	12	8	0 - 74	16	0	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	80
Occupancy Rate (%):	76
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	41
Interns and Residents:	0
Registered Nurses:	45
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOUSE OF THE GOOD SAMARITAN

830 WASHINGTON ST
WATERTOWN, NY 13601

Medicare Hospital Provider Number: 330157

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,413	10	9 - 14	1,478	11	10 - 15
Cancer	71	30	32 - 57	75	39	32 - 58
Cerebrovascular Accidents	56	29	15 - 39	79	28	19 - 40
Gastrointestinal Catastrophes	9	56	17 - 76	12	50	13 - 66
Infectious Disease	8	25	15 - 72	9	11	11 - 60
Metabolic/Electrolyte Disorders	11	36	6 - 62	9	22	4 - 62
Pulmonary Disease	78	17	15 - 34	65	25	15 - 39
Renal Failure	4	50	7 - 85	1	0	3 - 98
Severe Acute Heart Disease	51	18	26 - 49	43	44	24 - 54
Severe Chronic Heart Disease	65	28	12 - 35	75	20	14 - 34
Severe Trauma	10	20	9 - 62	2	0	1 - 89
Gastrointestinal Disease	109	4	1 - 12	113	4	1 - 12
Gynecologic Disease	13	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	119	3	1 - 10	120	2	1 - 8
Musculoskeletal/Skin Conditions	192	3	1 - 7	198	4	1 - 8
Neuropsychiatric/Sensory Disease	57	2	0 - 20	64	0	0 - 12
Urologic Disease	108	2	0 - 16	89	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	262
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

HUDSON RIVER PC

BRANCH B
POUGHKEEPSIE, NY 12601

Medicare Hospital Provider Number: 330363

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	81	9	3 - 18	65	8	2 - 18
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 92	0	-	-
Pulmonary Disease	1	0	0 - 99	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	0	2 - 97	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	1	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	6	50	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	27
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK STATE
OFFICE OF MENTAL HEALTH.

HUDSON RIVER PSYCHIATRIC CENTER
JOHN H. DOMINGUEZ, M.S.W., C.M.H.A.
Executive Director

RICHARD C. SURLES, Ph.D., Commissioner

CHEUNG O. MOON, M.D., Clinical Director, Inpatient Services
WARREN A. BRIGGS, M.P.A. Director, Administrative Services
JAMES R. REGAN, Ph.D., Director, Community Services
JAMES M. SMITH, Ph.D., Director Quality Assurance

October 3, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: MEDICARE HOSPITAL MORTALITY INFORMATION.

To whom it may concern:

Hospital Characteristics need to be modified in the specialty services. The facility does not have shock/ trauma or burn unit, coronary care unit and acute renal dialysis unit.

Thank you.

Cheung O. Moon, M.D.
Clinical Director for
Inpatient Services

COM:arn

Poughkeepsie, New York 12601 ● (914) 452-8000

HUNTINGTON HOSP

270 PARK AVE
HUNTINGTON, NY 11743

Medicare Hospital Provider Number: 330045

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,733	11	11 - 14	3,448	13	11 - 15
Cancer	162	33	32 - 52	171	44	32 - 52
Cerebrovascular Accidents	158	28	19 - 35	167	25	19 - 34
Gastrointestinal Catastrophes	43	26	18 - 49	36	11	26 - 54
Infectious Disease	31	32	20 - 55	28	32	22 - 59
Metabolic/Electrolyte Disorders	70	37	21 - 50	61	33	13 - 42
Pulmonary Disease	165	28	19 - 36	151	25	19 - 37
Renal Failure	8	50	9 - 76	8	63	9 - 76
Severe Acute Heart Disease	138	29	28 - 46	130	35	29 - 48
Severe Chronic Heart Disease	177	24	18 - 32	171	27	19 - 34
Severe Trauma	13	8	9 - 50	3	0	2 - 81
Gastrointestinal Disease	306	3	2 - 7	282	4	2 - 8
Gynecologic Disease	36	0	0 -100	29	0	0 -100
Low-Risk Heart Disease	344	5	2 - 7	360	5	2 - 7
Musculoskeletal/Skin Conditions	412	2	2 - 6	306	2	1 - 6
Neuropsychiatric/Sensory Disease	224	1	1 - 6	274	1	1 - 5
Urologic Disease	132	2	1 - 8	105	5	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	398
Occupancy Rate (%):	86
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	267
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	6
Registered Nurses:	304
Licensed Practical Nurses:	93

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

INTER COMM MEMORIAL HOSP

2600 WILLIAM ST
NEWFANE, NY 14108

Medicare Hospital Provider Number: 330025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	676	15	11 - 17	637	15	10 - 16
Cancer	12	58	20 - 72	12	75	24 - 73
Cerebrovascular Accidents	25	44	15 - 53	22	41	14 - 54
Gastrointestinal Catastrophes	6	0	12 - 63	1	0	0 - 99
Infectious Disease	3	33	3 - 86	3	67	4 - 86
Metabolic/Electrolyte Disorders	23	22	16 - 54	27	19	9 - 44
Pulmonary Disease	53	21	18 - 42	30	40	14 - 50
Renal Failure	3	67	13 - 96	6	67	14 - 84
Severe Acute Heart Disease	31	42	22 - 57	26	23	22 - 55
Severe Chronic Heart Disease	41	24	11 - 39	35	34	12 - 44
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	66	3	1 - 14	55	2	1 - 14
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	90	6	1 - 15	81	1	1 - 9
Musculoskeletal/Skin Conditions	40	5	1 - 22	41	5	0 - 37
Neuropsychiatric/Sensory Disease	16	0	0 -100	17	6	0 - 99
Urologic Disease	35	0	0 - 19	27	4	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	71
Occupancy Rate (%):	63
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	39
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	61
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

INTERFAITH MEDICAL CTR

555 PROSPECT PLACE
BROOKLYN, NY 11238

Medicare Hospital Provider Number: 330397

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,749	17	12 - 17	1,723	17	12 - 17
Cancer	85	38	29 - 54	66	42	29 - 56
Cerebrovascular Accidents	77	25	18 - 38	82	27	17 - 38
Gastrointestinal Catastrophes	21	33	13 - 55	20	25	14 - 55
Infectious Disease	34	47	22 - 58	27	44	14 - 54
Metabolic/Electrolyte Disorders	56	48	13 - 44	35	34	15 - 50
Pulmonary Disease	122	45	24 - 44	150	38	18 - 37
Renal Failure	28	57	13 - 65	23	39	11 - 65
Severe Acute Heart Disease	36	39	24 - 57	43	33	25 - 54
Severe Chronic Heart Disease	114	22	15 - 31	129	26	17 - 34
Severe Trauma	2	0	2 - 89	3	67	7 - 88
Gastrointestinal Disease	108	5	1 - 12	81	6	0 - 19
Gynecologic Disease	10	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	177	5	2 - 9	162	2	2 - 7
Musculoskeletal/Skin Conditions	112	3	1 - 10	95	4	0 - 16
Neuropsychiatric/Sensory Disease	82	4	0 - 16	102	1	0 - 9
Urologic Disease	88	2	0 - 13	81	2	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	620
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

Interfaith

Interfaith Medical Center
555 Prospect Place,
Brooklyn, N.Y. 11238
(212) 240-1000

Hospital: Interfaith Medical Center
Medicare Provider: 330-397
Re: Response to Medicare
Hospital Mortality Information

Interfaith Medical Center is a 620 bed teaching hospital which provides for a full range of inpatient, outpatient and emergency services to residents of Central Brooklyn. The patient population that Interfaith serves is a low socio-economic, and elderly group who have limited access to comprehensive health care.

The number of Medicare cases treated at Interfaith Medical Center during 1987 was 1,749. The actual mortality rate for all medicare admissions was 17%. This was well within the predicted mortality rate range as analyzed by the Health Care Financing Administrations study. Compared to the 1986 study, the results were comparable and did not represent a significant change. The cases were further grouped into ten high-risk and six low risk diagnostic categories. In the ten high-risk diagnositc categories, Interfaith did not exceed the predicted mortality rate in eight of the ten categories. There were two high-risk groups, Pulmonary and Metabolic Disturbances, where I.M.C. exceeded the predicted range by a small percentage.

The Quality Assurance Department, in conjunction with members of the medical staff, have reviewed all mortalities falling into the two categories where I.M.C. exceeded the predicted range. The findings of this study were that the severity of these patients' illness was a contributing factor to the overall prognosis.

In the Metabolic subgroup, the average age of the patients was 81 years. The majority of cases studied in this group were either transferred from a Nursing Home or were admitted on an emergent basis. Almost all of these patients had several co-existing medical conditions.

In the Pulmonary subgroup, the average age of the patients was 84 years. The majority of these patients were transferred from a Nursing Home and also had several co-existing medical conditions.

I.M.C. obtained an independent analysis for all categories, which was adjusted for severity of illness. The findings from this analysis demonstrated that the hospital was within the predicted range for all diagnostic categories. The severity adjusted mortality rate for the St. John's Division was 5.08% (range 3.28 - 6.88%) and for the Brooklyn Jewish Division 7.72% (range 6.60 - 8.85%).

In conclusion, the 1987 HCFA Hospital Mortality Study was not substantially adjusted for severity of illness. The analysis conducted by I.M.C. demonstrated that this was a signficant characteristic given the patient population served by our institution. The Quality Assurance Department will continue reviewing mortalities to identify and correct any relevant changes in practice and provide quality health care services

IRA DAVENPORT MEMORIAL HOSP

BOX 350 ROUTE 54
BATH, NY 14810

Medicare Hospital Provider Number: 330144

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	469	11	10 - 16	494	11	8 - 15
Cancer	9	56	22 - 80	8	38	20 - 80
Cerebrovascular Accidents	23	26	16 - 52	19	26	11 - 51
Gastrointestinal Catastrophes	4	25	2 - 81	2	100	1 - 90
Infectious Disease	5	40	4 - 78	2	0	4 - 89
Metabolic/Electrolyte Disorders	11	0	7 - 43	12	17	4 - 54
Pulmonary Disease	36	17	15 - 42	28	14	12 - 41
Renal Failure	4	25	7 - 83	3	100	10 - 85
Severe Acute Heart Disease	15	20	18 - 60	16	50	16 - 62
Severe Chronic Heart Disease	37	24	11 - 40	51	22	12 - 36
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	29	0	0 - 30	36	6	0 - 46
Gynecologic Disease	6	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	51	8	0 - 30	60	3	1 - 15
Musculoskeletal/Skin Conditions	47	4	0 - 22	57	0	1 - 10
Neuropsychiatric/Sensory Disease	29	0	1 - 20	20	0	0 - 66
Urologic Disease	22	0	0 - 87	32	3	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	66
Occupancy Rate (%):	58
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	0
Registered Nurses:	54
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JAMAICA HOSPITAL

89TH AVE AND VAN WYCK EXPRESSW
JAMAICA, NY 11418

Medicare Hospital Provider Number: 330014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,618	21	13 - 19	1,647	21	14 - 19
Cancer	63	54	31 - 58	47	49	30 - 61
Cerebrovascular Accidents	116	45	18 - 37	127	37	22 - 40
Gastrointestinal Catastrophes	21	19	18 - 56	17	29	12 - 57
Infectious Disease	29	48	18 - 56	28	50	21 - 60
Metabolic/Electrolyte Disorders	38	45	11 - 46	29	28	11 - 48
Pulmonary Disease	78	37	15 - 39	62	29	16 - 41
Renal Failure	8	50	9 - 76	3	67	6 - 89
Severe Acute Heart Disease	116	39	29 - 49	108	45	30 - 50
Severe Chronic Heart Disease	159	32	16 - 33	167	32	17 - 33
Severe Trauma	7	43	8 - 73	9	44	11 - 71
Gastrointestinal Disease	71	0	1 - 8	98	4	1 - 12
Gynecologic Disease	6	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	194	6	1 - 9	203	5	2 - 9
Musculoskeletal/Skin Conditions	92	4	1 - 13	83	7	0 - 19
Neuropsychiatric/Sensory Disease	33	6	0 - 74	38	11	1 - 32
Urologic Disease	51	2	0 - 31	59	0	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 270
Occupancy Rate (%): 74
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 310
Percent of Physicians Who Are Board Certified Specialists: 36
Interns and Residents: 50
Registered Nurses: 233
Licensed Practical Nurses: 52

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

THE JAMAICA HOSPITAL

89TH AVENUE AND VAN WYCK EXPRESSWAY · JAMAICA, NEW YORK 11418 718/657-1800

A VOLUNTARY NON PROFIT COMMUNITY HOSPITAL

jh
1891

OFFICE OF THE PRESIDENT

Response to HCFA Mortality Data
Medicare Provider Number 330014

The Jamaica Hospital is committed to providing its community with outstanding patient care. The Jamaica Hospital is a 270 bed non-profit, fully accredited hospital and serves a population of over one-half million in Southeast Queens. The patient population is a varied one of mixed ethnic and socio-economic backgrounds. A 200 bed skilled nursing facility is located on the hospital campus and this impacts substantially on the characteristics of our patient population. Because of the location of the hospital, between two major New York airports, and the heavy population of the area, there are over 40,000 patients treated in the Emergency Room and an additional 50,000 patients are provided care through the Ambulatory Care Programs.

The hospital's catchment area has been designated under Section 332 of the Public Health Service Act as an area with a shortage of primary medical care manpower. A review of the health problems experienced by the hospital's population are consistent with those expected among ethnic and economic minorities. It is recognized that the hospital also serves a large and growing elderly population. The incidence of death due to heart disease, cancer, cirrhosis and cerebrovascular disease has been well documented over the years as being disproportionately higher in the communities the hospital serves. It is anticipated that elderly residents from the hospital's service area will continue to place increasing demands on the hospital.

The Jamaica Hospital is in a transitional phase in its development. In 1987, 74% of all admissions derived from the Emergency Department. These admissions were unscheduled, without benefit of previous outside workups, and with a substantial incidence of comorbidity. The HCFA study does not sufficiently account for such crucial factors as the severity of the patient's illness, or socio-economic characteristics of our population that are typically associated with poor health. In addition, the hospital experiences a disproportionate share of medical admissions as compared to surgical admissions, and the volume of elective surgery is significantly lower than is the case at comparable institutions. Therefore, the hospital is less likely to admit patients who were previously worked up and medically cleared for surgery. These characteristics of our patient population, together with the impact of our on-site skilled nursing facility, create a distorted statistical profile.

It is recognized that the HCFA data is not an actual measure of hospital performance. The data is useful to assist the hospital in focusing its quality assurance activities. Under no circumstances should the data be used as the basis for judging the quality of care provided.

The Jamaica Hospital is committed to attaining the highest quality patient care. The hospital has an extensive and well documented hospital-wide quality assurance program designed to provide patients with the highest quality services. The hospital will continue its tradition of offering the finest medical care to its community.

JAMESTOWN GENERAL HOSP

51 GLASGOW AVE
JAMESTOWN, NY 14701

Medicare Hospital Provider Number: 330217

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	984	10	9 - 15	1,123	9	9 - 14
Cancer	25	56	27 - 66	17	41	23 - 69
Cerebrovascular Accidents	43	30	16 - 44	35	14	18 - 43
Gastrointestinal Catastrophes	10	40	17 - 73	13	31	15 - 65
Infectious Disease	6	17	11 - 73	8	0	11 - 54
Metabolic/Electrolyte Disorders	32	9	14 - 42	31	19	9 - 43
Pulmonary Disease	37	8	15 - 36	69	28	17 - 41
Renal Failure	2	50	3 - 93	3	67	6 - 89
Severe Acute Heart Disease	29	48	20 - 57	31	61	22 - 57
Severe Chronic Heart Disease	51	14	15 - 35	70	17	15 - 34
Severe Trauma	1	0	0 -100	0	-	-
Gastrointestinal Disease	79	6	2 - 15	79	1	1 - 10
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	111	4	1 - 10	116	2	1 - 8
Musculoskeletal/Skin Conditions	73	3	2 - 12	107	1	1 - 7
Neuropsychiatric/Sensory Disease	155	1	1 - 7	187	1	1 - 5
Urologic Disease	31	10	0 - 47	23	0	0 - 55

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	99
Occupancy Rate (%):	75
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	95
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	84
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JOHN T MATHER MEMORIAL HOSP

NORTH COUNTRY RD
PORT JEFFERSON, NY 11777

Medicare Hospital Provider Number: 330185

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,124	13	11 - 15	1,871	14	11 - 15
Cancer	108	50	32 - 55	70	30	26 - 52
Cerebrovascular Accidents	86	36	16 - 38	84	25	18 - 38
Gastrointestinal Catastrophes	29	28	18 - 54	20	35	13 - 56
Infectious Disease	26	38	16 - 55	37	46	23 - 58
Metabolic/Electrolyte Disorders	46	30	13 - 45	43	19	18 - 47
Pulmonary Disease	96	33	16 - 38	93	28	17 - 38
Renal Failure	21	33	18 - 71	19	42	13 - 69
Severe Acute Heart Disease	91	29	29 - 50	88	43	27 - 49
Severe Chronic Heart Disease	113	26	15 - 33	102	25	16 - 34
Severe Trauma	1	100	0 - 98	1	0	2 - 97
Gastrointestinal Disease	187	2	1 - 6	138	1	1 - 6
Gynecologic Disease	2	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	218	1	1 - 6	218	4	1 - 7
Musculoskeletal/Skin Conditions	171	3	1 - 8	146	4	1 - 10
Neuropsychiatric/Sensory Disease	107	2	1 - 10	90	2	0 - 12
Urologic Disease	85	0	0 - 8	87	5	0 - 29

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	238
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	263
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	227
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MORTALITY DATA COMMENTS

Although independent observers would state that John T. Mather Memorial Hospital did well in this Statistical Analysis of Mortality Data, we agree with HCFA's statement that "until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgements about the quality of care in an individual hospital or to make comparisons among hospitals."

Furthermore, in addition to not making adjustments for severity of illness, there were several diagnostic categories where the total number of cases at Mather Hospital, for the year, only numbered 1 or 2, making the comparison of the statistical mortality rates to the range for predicted mortality unreliable.

This data is useful as a screening tool to help the Industry focus in on areas to be reviewed more closely. But, until HCFA can produce information rather than just data, this release will remain questionable, controversial and inappropriate.

JOHNSTOWN HOSP

201 S MELCHER ST
JOHNSTOWN, NY 12095

Medicare Hospital Provider Number: 330210

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	336	15	12 - 20	424	11	9 - 16
Cancer	15	47	23 - 71	9	22	14 - 68
Cerebrovascular Accidents	19	37	10 - 53	13	15	14 - 56
Gastrointestinal Catastrophes	4	25	16 - 90	1	0	2 - 97
Infectious Disease	2	0	2 - 89	4	50	4 - 82
Metabolic/Electrolyte Disorders	1	0	0 - 99	13	8	12 - 51
Pulmonary Disease	28	36	14 - 50	33	21	13 - 43
Renal Failure	4	75	8 - 85	2	0	5 - 90
Severe Acute Heart Disease	28	25	25 - 58	17	35	18 - 62
Severe Chronic Heart Disease	24	29	9 - 46	31	29	11 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	6	0 - 81	39	5	0 - 27
Gynecologic Disease	2	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	41	2	0 - 23	68	0	2 - 8
Musculoskeletal/Skin Conditions	30	3	0 - 73	34	0	0 - 35
Neuropsychiatric/Sensory Disease	6	0	0 -100	10	0	0 - 99
Urologic Disease	8	0	0 -100	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	39
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	34
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

JONES MEM HOSP

191 N MAIN ST
WELLSVILLE, NY 14895

Medicare Hospital Provider Number: 330096

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	883	12	10 - 15	939	11	9 - 14
Cancer	35	57	32 - 66	32	78	29 - 61
Cerebrovascular Accidents	26	50	12 - 50	24	38	14 - 52
Gastrointestinal Catastrophes	12	33	14 - 66	8	50	9 - 71
Infectious Disease	3	33	3 - 86	8	25	14 - 72
Metabolic/Electrolyte Disorders	4	0	2 - 73	16	13	4 - 46
Pulmonary Disease	82	16	16 - 36	77	18	17 - 37
Renal Failure	5	60	9 - 83	4	75	12 - 88
Severe Acute Heart Disease	26	46	19 - 56	31	39	22 - 56
Severe Chronic Heart Disease	47	28	14 - 40	39	21	14 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	99	2	0 - 10	98	1	1 - 8
Gynecologic Disease	3	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	121	4	1 - 11	113	3	1 - 9
Musculoskeletal/Skin Conditions	69	0	1 - 8	70	1	1 - 11
Neuropsychiatric/Sensory Disease	42	0	0 - 14	74	0	1 - 8
Urologic Disease	25	0	0 - 33	32	0	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	93
Occupancy Rate (%):	71
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	22
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	69
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JULIA BUTTERFIELD HOSP

PAULDING AVE
COLD SPRING, NY 10516

Medicare Hospital Provider Number: 330288

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	248	8	8 - 16	256	9	9 - 17
Cancer	3	0	13 - 85	11	64	22 - 75
Cerebrovascular Accidents	4	50	8 - 84	9	11	9 - 57
Gastrointestinal Catastrophes	1	100	2 - 97	3	0	4 - 79
Infectious Disease	0	-	-	7	29	8 - 71
Metabolic/Electrolyte Disorders	10	0	7 - 45	8	25	9 - 68
Pulmonary Disease	21	19	8 - 44	18	17	5 - 44
Renal Failure	0	-	-	2	50	6 - 95
Severe Acute Heart Disease	10	30	20 - 73	9	22	16 - 69
Severe Chronic Heart Disease	13	31	9 - 58	12	0	11 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	7	0 - 92	17	0	0 - 70
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	49	0	1 - 11	53	0	1 - 10
Musculoskeletal/Skin Conditions	24	4	1 - 32	26	0	0 - 40
Neuropsychiatric/Sensory Disease	12	0	0 - 99	8	0	0 - 99
Urologic Disease	13	0	0 - 94	17	0	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	22
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KENMORE MERCY HOSP

2950 ELMWOOD AVE
KENMORE, NY 14217

Medicare Hospital Provider Number: 330102

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,794	12	10 - 14	2,753	13	10 - 14
Cancer	139	45	30 - 51	150	51	29 - 51
Cerebrovascular Accidents	148	26	19 - 35	130	31	19 - 37
Gastrointestinal Catastrophes	26	35	14 - 54	22	36	18 - 60
Infectious Disease	16	38	14 - 61	10	20	13 - 64
Metabolic/Electrolyte Disorders	26	15	6 - 41	19	16	7 - 46
Pulmonary Disease	126	28	16 - 34	113	27	13 - 32
Renal Failure	3	67	5 - 88	8	50	13 - 80
Severe Acute Heart Disease	156	31	29 - 46	159	36	28 - 45
Severe Chronic Heart Disease	155	24	16 - 31	143	27	16 - 32
Severe Trauma	2	0	2 - 89	2	0	3 - 88
Gastrointestinal Disease	232	1	1 - 5	228	5	1 - 9
Gynecologic Disease	25	0	0 -100	25	4	0 -100
Low-Risk Heart Disease	320	3	1 - 6	308	4	2 - 7
Musculoskeletal/Skin Conditions	272	2	1 - 6	275	3	1 - 6
Neuropsychiatric/Sensory Disease	108	1	0 - 9	183	2	0 - 7
Urologic Disease	133	1	0 - 8	115	1	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	305
Occupancy Rate (%):	87
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	167
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	244
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

KINGS CO HOSP CENTER

451 CLARKSON AVE
BROOKLYN, NY 11203

Medicare Hospital Provider Number: 330202

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,308	15	9 - 14	1,317	20	9 - 15
Cancer	54	57	33 - 62	62	39	27 - 54
Cerebrovascular Accidents	96	33	14 - 34	100	31	14 - 34
Gastrointestinal Catastrophes	20	30	13 - 55	7	71	11 - 73
Infectious Disease	13	46	10 - 62	17	53	13 - 60
Metabolic/Electrolyte Disorders	27	30	5 - 45	16	13	4 - 46
Pulmonary Disease	48	27	10 - 37	74	42	13 - 38
Renal Failure	13	38	5 - 67	23	48	3 - 63
Severe Acute Heart Disease	37	43	21 - 54	57	61	27 - 53
Severe Chronic Heart Disease	53	15	9 - 31	44	11	10 - 31
Severe Trauma	18	28	14 - 59	22	59	14 - 59
Gastrointestinal Disease	56	4	0 - 24	52	12	0 - 45
Gynecologic Disease	11	0	0 -100	16	6	0 -100
Low-Risk Heart Disease	132	8	0 - 16	122	14	0 - 20
Musculoskeletal/Skin Conditions	91	7	0 - 38	84	4	0 - 26
Neuropsychiatric/Sensory Disease	110	3	0 - 13	104	4	0 - 23
Urologic Disease	47	0	0 - 57	45	2	0 - 77

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	1,234
Occupancy Rate (%):	84
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	626
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	446
Registered Nurses:	1,131
Licensed Practical Nurses:	254

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK CITY
HEALTH AND HOSPITALS CORPORATION
KINGS COUNTY HOSPITAL CENTER
451 CLARKSON AVENUE, BROOKLYN, N.Y. 11203

TELEPHONE: (718) 735-

Medicare Provider #330202

Kings County Hospital Center (KCHC) has serious reservations about the value of HCPA's release of Medicare death rates. Although this is the third annual release of hospital-specific Medicare mortality rates, HCFA has spent minimal effort on validation of whether hospitals with higher than predicted mortality rated have more quality of care problems. In fact, when the New York State Department of Health reviewed thousands of medical records of patients who died, hospitals identified by HCFA as having higher than predicted mortality rates did not have more quality of care problems than other hospitals. There is no meaningful interpretation about quality of care to be inferred from HCFA's mortality release.

The basic problem is that HCFA is attempting to predict a hospital's death rate based on very limited data available on the Medicare bills of patients who had their last calendar year 1987 admission in that hospital. Omitted from consideration are: 1) the full range of clinical data describing the patient's condition upon admission that are not available on the bill; 2) several significant variables like patient race and admission source which are available on the bill; and 3) any "credit" for having sucessfully treated and discharged patients who are later hospitalized in another facility.

National statistics indicate both that the elderly poor are generally in poorer overall health and have less access to primary care and that blacks have substantially higher mortality rates for many conditions. HCFA has made no adjustment for either of these factors. 77% of KCHC's Medicare patients have Medicaid as a secondary pay source (indicating a poor population) and 78% of KCHC's Medicare population is Black. Similarly, admission priority (elective vs. emergent) is associated with mortality risk and is available on the bill, but is not considered in HCFA's methodology. 87% of KCHC's patients are admitted through the ER and assigned emergency priority status. Nor does HCFA's model consider that KCHC serves a community which has an age-adjusted mortality rate for all causes that is 31% higher than national average.

HCFA's results indicate that KCHC fell within the predicted ranges in all of the 16 diagnostic categories. Only when all cases are lumped together, including many miscellaneous diagnosis into the "ALL OTHER CATEGORY", is the hospital one percentage point above the overall predicted range.

The "ALL OTHER CATEGORY" groups together dissimilar diagnosis which have varied risks of in-hospital mortality. 36% of HCHC's Medicare patients fall into this category. The high risk nature of these patients is evident in the small proportion of routine/elective cases (11%).

We also reviewed the medical records of patient deaths in this category. 87% of all the deaths in this category were admitted through the ER and assigned emergency priority status. 30% expired within 24 hours of admission. 46% of these patients had five or more coexisting conditions with an average of 4.3 conditions per patient. Careful chart review indicated that there were no unexpected deaths given the poor prognosis of these patients at the time of their admission.

As part of its Quality Assurance Program, KCHC will continue to review all patient deaths.

KINGS HIGHWAY HOSPITAL

3201 KINGS HIGHWAY
BROOKLYN, NY 11234

Medicare Hospital Provider Number: 330315

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,088	10	10 - 14	3,202	11	10 - 14
Cancer	93	40	32 - 56	109	41	29 - 52
Cerebrovascular Accidents	122	20	20 - 36	136	19	20 - 36
Gastrointestinal Catastrophes	25	44	24 - 65	18	44	15 - 61
Infectious Disease	20	30	18 - 59	11	36	14 - 68
Metabolic/Electrolyte Disorders	48	27	18 - 49	67	24	16 - 42
Pulmonary Disease	104	27	21 - 41	109	23	18 - 37
Renal Failure	10	30	19 - 80	19	42	18 - 74
Severe Acute Heart Disease	174	29	29 - 45	186	32	31 - 47
Severe Chronic Heart Disease	205	21	18 - 31	209	21	18 - 31
Severe Trauma	3	33	4 - 86	0	-	-
Gastrointestinal Disease	299	4	1 - 7	270	2	2 - 6
Gynecologic Disease	25	0	0 - 99	37	0	0 -100
Low-Risk Heart Disease	623	3	2 - 5	584	3	2 - 5
Musculoskeletal/Skin Conditions	174	2	1 - 7	192	3	1 - 8
Neuropsychiatric/Sensory Disease	72	0	1 - 9	79	0	0 - 9
Urologic Disease	207	1	0 - 6	237	2	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 212
Occupancy Rate (%): (not available)
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

KINGSBROOK JEWISH MEDICAL CENTER

585 SCHENECTADY AVE
BROOKLYN, NY 11203

Medicare Hospital Provider Number: 330201

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,241	20	15 - 20	2,177	21	15 - 20
Cancer	64	50	30 - 58	81	46	33 - 58
Cerebrovascular Accidents	51	29	16 - 42	50	24	18 - 43
Gastrointestinal Catastrophes	18	39	19 - 65	14	57	13 - 64
Infectious Disease	35	37	25 - 60	38	29	21 - 54
Metabolic/Electrolyte Disorders	72	53	18 - 47	46	33	15 - 46
Pulmonary Disease	410	28	26 - 39	329	40	26 - 41
Renal Failure	17	29	13 - 68	17	29	19 - 75
Severe Acute Heart Disease	57	63	32 - 58	103	47	37 - 59
Severe Chronic Heart Disease	88	31	18 - 39	80	29	18 - 39
Severe Trauma	2	50	2 - 92	1	0	1 - 97
Gastrointestinal Disease	118	6	2 - 12	127	7	2 - 13
Gynecologic Disease	6	0	0 -100	9	0	0 - 96
Low-Risk Heart Disease	214	8	2 - 10	224	6	2 - 10
Musculoskeletal/Skin Conditions	132	5	2 - 11	109	8	1 - 15
Neuropsychiatric/Sensory Disease	137	3	1 - 10	178	2	1 - 8
Urologic Disease	99	5	1 - 14	91	3	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 343
Occupancy Rate (%): 93
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 210
Percent of Physicians Who Are Board Certified Specialists: 63
Interns and Residents: 79
Registered Nurses: 304
Licensed Practical Nurses: 75

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

KINGSBROOK JEWISH MEDICAL CENTER
585 Schenectady Avenue • Brooklyn, N.Y. 11203-1891 • (718) 604-5000

Executive Offices

Medicare Provider #330201

October 20, 1988

Kingsbrook Jewish Medical Center's mortality rates fall within the expected average range in all categories except two: Metabolic/ Electrolyte Disturbances and Severe Acute Heart Disease. The majority of patients admitted in these high risk categories were severely ill with multiple illnesses which debilitated them.

Review of the deaths in the two categories reveal the following:

1. Metabolic/Electrolyte Disturbances - Seventy-two (72) patients were admitted in this category with a mortality rate of fifty-three percent (53%) or thirty-eight (38) cases. Two of these patients expired after discharge. Seventy-six percent (76%) were admitted from nursing homes; seventy-six percent (76%) were between the ages of eighty (80) to one hundred and one (101) years with ten (10) to nineteen (19) co-morbidities; thirty-seven percent (37%) were irreversible terminal cases. Twelve (12) cases were considered to have died from othere causes. (This would reduce the actual mortality rate to forty-three percent (43%), within the range of predicted mortality. In these instances, the metabolic problem was resolved prior to the death of the patients and was secondary to other illnesses).

2. Severe Acute Heart Disease - Fifty-seven (57) patients were admitted in this category with a mortality rate of sixty-three percent (63%) or thirty-six (36) cases. One percent (1%) expired after discharge. Seventy-two percent (72%) were admitted through the Emergency Room; sixty-seven percent (67%) were between the ages of eighty (80) to one hundred one (101) years with ten (10) to nineteen (19) co-morbidities; twenty-two percent (22%) were irreversible. Ten (10) cases were considered to have died from other causes. (This would reduce the actual mortality rate to fifty-five percent (55%) which is within the range of predicted mortality.)

Classified as a
Unique Specialty Teaching Hospital
by the New York State Office of Health Systems Management

In summary, HCFA's methodology fails to consider certain key factors that would have an impact on the results. Many of the deaths placed in the two categories showed evidence of dying from other causes, e.g., two patients listed under the category for Acute Heart Disease died from aspirational pneumonia and bronchopneumonia, respectively. Some of the patients under this category were admitted from nursing homes immediately after suffering cardiac arrest. There was one case in which the time of death could not be determined because the HCFA report gave the discharge date as 7/8/87 and the expiration date as 7/3/87. In addition, the major diagnostic categories used for the Diagnostic Related Groups show an overlap in the description in anatomy and physiology of the body.

All mortalities under the two categories were reviewed for a second time by the Quality Assurance/Risk Management Committee, and the care given was deemed appropriate in all cases, including the three (3) that expired after discharge. It is evident that patients in these categories were seriously ill during their admission due to the number of co-morbidities which exceeded four.

KINGSTON HOSP

396 BROADWAY
KINGSTON, NY 12401

Medicare Hospital Provider Number: 330004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,431	13	11 - 16	1,475	13	10 - 15
Cancer	53	47	32 - 61	49	53	30 - 61
Cerebrovascular Accidents	75	28	18 - 39	77	26	19 - 40
Gastrointestinal Catastrophes	23	39	23 - 64	14	36	22 - 71
Infectious Disease	20	40	20 - 63	16	31	14 - 60
Metabolic/Electrolyte Disorders	16	44	11 - 60	12	17	8 - 55
Pulmonary Disease	77	22	16 - 38	74	20	14 - 36
Renal Failure	12	25	18 - 76	6	67	16 - 86
Severe Acute Heart Disease	51	45	27 - 55	68	35	28 - 52
Severe Chronic Heart Disease	69	12	16 - 33	62	31	15 - 39
Severe Trauma	4	0	4 - 71	3	33	3 - 86
Gastrointestinal Disease	151	1	1 - 6	154	5	1 - 10
Gynecologic Disease	4	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	136	2	1 - 8	153	3	1 - 8
Musculoskeletal/Skin Conditions	120	2	1 - 9	100	3	0 - 12
Neuropsychiatric/Sensory Disease	50	0	0 - 13	94	1	1 - 9
Urologic Disease	74	1	0 - 41	78	4	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	140
Occupancy Rate (%):	91
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LAGUARDIA HOSP

102-01 66TH RD
FOREST HILLS, NY 11375

Medicare Hospital Provider Number: 330353

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,786	11	10 - 15	1,734	13	11 - 16
Cancer	85	45	33 - 57	102	47	29 - 53
Cerebrovascular Accidents	71	11	20 - 37	76	17	19 - 38
Gastrointestinal Catastrophes	13	23	15 - 63	18	28	17 - 60
Infectious Disease	22	36	16 - 57	21	43	16 - 59
Metabolic/Electrolyte Disorders	39	33	16 - 49	34	35	17 - 52
Pulmonary Disease	66	29	17 - 41	69	33	18 - 43
Renal Failure	7	57	14 - 82	8	25	15 - 79
Severe Acute Heart Disease	85	27	26 - 47	86	26	27 - 48
Severe Chronic Heart Disease	84	23	12 - 32	70	24	13 - 35
Severe Trauma	1	0	0 - 97	1	0	1 - 97
Gastrointestinal Disease	171	1	1 - 5	144	3	1 - 9
Gynecologic Disease	19	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	171	4	1 - 9	149	1	2 - 7
Musculoskeletal/Skin Conditions	121	2	1 - 8	109	1	1 - 7
Neuropsychiatric/Sensory Disease	92	1	0 - 10	86	1	1 - 10
Urologic Disease	105	0	0 - 7	119	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	222
Occupancy Rate (%):	89
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	267
Percent of Physicians Who Are Board Certified Specialists:	55
Interns and Residents:	49
Registered Nurses:	224
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LAKE SHORE HOSPITAL

ROUTES 5 AND 20 AT SENECA ROAD
IRVING, NY 14081

Medicare Hospital Provider Number: 330293

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	489	14	10 - 17	449	16	10 - 17
Cancer	17	59	25 - 71	15	53	28 - 76
Cerebrovascular Accidents	17	18	12 - 50	21	52	16 - 57
Gastrointestinal Catastrophes	2	0	6 - 90	1	100	2 - 97
Infectious Disease	2	0	3 - 88	5	80	13 - 79
Metabolic/Electrolyte Disorders	25	24	9 - 47	13	23	1 - 59
Pulmonary Disease	27	37	17 - 54	22	32	11 - 51
Renal Failure	0	-	-	2	50	5 - 94
Severe Acute Heart Disease	19	53	20 - 63	13	46	17 - 67
Severe Chronic Heart Disease	32	13	12 - 37	32	25	13 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	0	0 - 21	45	7	0 - 59
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	65	2	2 - 11	42	2	1 - 18
Musculoskeletal/Skin Conditions	44	9	1 - 29	37	0	0 - 24
Neuropsychiatric/Sensory Disease	10	10	0 - 98	19	0	0 - 31
Urologic Disease	22	5	0 - 85	13	0	0 - 91

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	124
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	22
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LAKESIDE MEM HOSP

156 WEST AVE
BROCKPORT, NY 14420

Medicare Hospital Provider Number: 330037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	560	11	8 - 15	506	12	9 - 16
Cancer	14	50	17 - 66	19	26	20 - 61
Cerebrovascular Accidents	22	32	10 - 49	16	31	13 - 57
Gastrointestinal Catastrophes	4	25	4 - 80	4	75	6 - 81
Infectious Disease	3	0	8 - 81	5	20	8 - 76
Metabolic/Electrolyte Disorders	8	38	2 - 71	4	50	3 - 82
Pulmonary Disease	34	21	13 - 43	38	26	13 - 43
Renal Failure	5	60	10 - 84	3	100	11 - 86
Severe Acute Heart Disease	24	42	21 - 60	21	48	20 - 61
Severe Chronic Heart Disease	21	10	14 - 43	22	18	12 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	61	3	0 - 19	56	5	0 - 31
Gynecologic Disease	14	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	72	7	1 - 17	60	5	1 - 17
Musculoskeletal/Skin Conditions	51	6	0 - 28	42	0	1 - 13
Neuropsychiatric/Sensory Disease	11	0	0 - 97	14	0	0 - 98
Urologic Disease	29	0	0 - 74	33	3	0 - 54

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 72
Occupancy Rate (%): 68
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 23
Percent of Physicians Who Are Board Certified Specialists: 61
Interns and Residents: 0
Registered Nurses: 67
Licensed Practical Nurses: 18

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

LAWRENCE HOSP

55 PALMER AVE
BRONXVILLE, NY 10708

Medicare Hospital Provider Number: 330061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,787	12	11 - 15	2,745	11	11 - 15
Cancer	86	44	31 - 56	85	32	29 - 53
Cerebrovascular Accidents	141	21	21 - 37	120	25	21 - 38
Gastrointestinal Catastrophes	20	35	18 - 61	22	50	20 - 63
Infectious Disease	49	39	22 - 53	33	42	22 - 58
Metabolic/Electrolyte Disorders	72	35	17 - 45	83	36	17 - 44
Pulmonary Disease	136	21	17 - 34	98	23	17 - 37
Renal Failure	5	20	9 - 80	3	67	7 - 89
Severe Acute Heart Disease	152	37	32 - 50	145	30	32 - 49
Severe Chronic Heart Disease	119	27	17 - 35	133	20	17 - 33
Severe Trauma	6	17	10 - 73	5	40	4 - 78
Gastrointestinal Disease	186	3	1 - 8	166	2	1 - 7
Gynecologic Disease	26	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	315	2	2 - 6	290	1	3 - 6
Musculoskeletal/Skin Conditions	306	2	1 - 6	333	2	1 - 5
Neuropsychiatric/Sensory Disease	156	3	1 - 9	164	1	1 - 6
Urologic Disease	121	1	0 - 9	124	2	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	280
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	192
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	262
Licensed Practical Nurses:	28

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LENOX HILL HOSP

100 E 77TH ST
NEW YORK, NY 10021

Medicare Hospital Provider Number: 330119

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,894	8	10 - 13	4,909	7	10 - 13
Cancer	271	34	34 - 52	254	35	34 - 52
Cerebrovascular Accidents	123	13	20 - 34	164	21	21 - 35
Gastrointestinal Catastrophes	52	31	24 - 55	50	14	21 - 48
Infectious Disease	42	57	24 - 57	37	38	27 - 62
Metabolic/Electrolyte Disorders	70	17	17 - 42	57	19	11 - 38
Pulmonary Disease	191	17	19 - 34	210	15	21 - 35
Renal Failure	13	38	19 - 78	7	71	15 - 83
Severe Acute Heart Disease	140	26	31 - 48	151	26	31 - 48
Severe Chronic Heart Disease	187	7	19 - 30	164	14	17 - 30
Severe Trauma	6	33	7 - 75	4	0	12 - 76
Gastrointestinal Disease	296	2	2 - 6	328	2	1 - 5
Gynecologic Disease	34	3	0 -100	40	0	0 - 99
Low-Risk Heart Disease	501	2	2 - 5	488	2	3 - 6
Musculoskeletal/Skin Conditions	527	1	1 - 5	484	1	1 - 4
Neuropsychiatric/Sensory Disease	600	1	1 - 5	668	1	1 - 4
Urologic Disease	188	1	0 - 7	215	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	678
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	705
Percent of Physicians Who Are Board Certified Specialists:	79
Interns and Residents:	164
Registered Nurses:	665
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LEONARD HOSP

74 NEW TURNPIKE RD
TROY, NY 12182

Medicare Hospital Provider Number: 330082

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,135	12	11 - 16	1,109	12	11 - 16
Cancer	36	39	25 - 59	33	39	25 - 60
Cerebrovascular Accidents	53	13	18 - 38	35	26	17 - 47
Gastrointestinal Catastrophes	7	43	5 - 72	6	33	8 - 75
Infectious Disease	14	29	12 - 60	10	40	16 - 73
Metabolic/Electrolyte Disorders	14	36	5 - 57	16	19	9 - 52
Pulmonary Disease	118	16	17 - 34	115	21	19 - 37
Renal Failure	4	25	10 - 87	3	67	7 - 89
Severe Acute Heart Disease	62	47	25 - 51	50	26	23 - 49
Severe Chronic Heart Disease	52	21	13 - 37	65	28	15 - 38
Severe Trauma	0	-	-	2	50	1 - 94
Gastrointestinal Disease	106	2	1 - 9	97	2	1 - 10
Gynecologic Disease	6	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	165	4	1 - 8	177	3	2 - 8
Musculoskeletal/Skin Conditions	78	0	1 - 7	84	4	1 - 13
Neuropsychiatric/Sensory Disease	32	0	0 - 26	16	0	0 - 84
Urologic Disease	39	0	0 - 17	36	0	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	143
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	67
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	63
Licensed Practical Nurses:	44

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LEWIS CO GENERAL HOSP

7785 NORTH STATE ST
LOWVILLE, NY 13367

Medicare Hospital Provider Number: 330213

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	506	14	12 - 19	489	10	13 - 19
Cancer	19	68	22 - 64	13	69	30 - 79
Cerebrovascular Accidents	33	15	16 - 42	14	14	15 - 55
Gastrointestinal Catastrophes	4	50	3 - 82	2	0	2 - 89
Infectious Disease	5	40	8 - 80	6	17	15 - 76
Metabolic/Electrolyte Disorders	8	25	3 - 67	1	0	0 -100
Pulmonary Disease	51	20	20 - 44	77	23	21 - 43
Renal Failure	2	100	11 - 97	1	0	3 - 99
Severe Acute Heart Disease	19	42	21 - 64	15	13	20 - 58
Severe Chronic Heart Disease	40	17	14 - 39	37	11	18 - 41
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	53	6	1 - 19	42	0	1 - 13
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	64	3	1 - 14	72	3	1 - 12
Musculoskeletal/Skin Conditions	28	4	0 - 35	33	3	0 - 36
Neuropsychiatric/Sensory Disease	10	0	0 - 98	12	0	0 - 93
Urologic Disease	5	0	0 -100	4	0	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	192
Occupancy Rate (%):	87
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LINCOLN MED MENTAL HLTH CTR

234 EAST 149TH ST
BRONX, NY 10454

Medicare Hospital Provider Number: 330080

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,025	16	10 - 16	1,150	18	10 - 16
Cancer	22	36	21 - 62	35	49	24 - 59
Cerebrovascular Accidents	53	26	12 - 37	55	38	14 - 41
Gastrointestinal Catastrophes	13	15	16 - 60	8	38	8 - 70
Infectious Disease	7	29	8 - 70	8	38	8 - 70
Metabolic/Electrolyte Disorders	13	38	7 - 60	20	25	12 - 53
Pulmonary Disease	50	40	12 - 41	71	15	11 - 32
Renal Failure	9	0	8 - 60	4	25	7 - 84
Severe Acute Heart Disease	104	54	26 - 48	103	59	27 - 48
Severe Chronic Heart Disease	55	16	12 - 33	66	26	14 - 36
Severe Trauma	6	50	3 - 76	3	33	2 - 87
Gastrointestinal Disease	62	0	0 - 10	55	2	0 - 16
Gynecologic Disease	14	7	0 - 84	9	11	0 -100
Low-Risk Heart Disease	99	4	1 - 12	90	4	1 - 13
Musculoskeletal/Skin Conditions	67	3	0 - 30	96	5	0 - 29
Neuropsychiatric/Sensory Disease	43	2	0 - 32	31	3	0 - 60
Urologic Disease	39	0	0 - 42	37	3	0 - 41

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	553
Occupancy Rate (%):	92
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	169
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	235
Registered Nurses:	441
Licensed Practical Nurses:	90

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NYCHHC

LINCOLN MEDICAL & MENTAL HEALTH CENTER

234 East 149th Street, Bronx, New York 10451
(212) 579-5000

October 21st, 1988

William L. Roper, M.D.
Administration
Department of Health and Human Services
Health Care Financial Administration
Washington, D.C. 20201

Dear Dr. Roper:

Lincoln Hospital, a level I trauma and heart center, is proud of its efforts to provide quality patient care services to the South Bronx Community. This community's age-adjusted death rate is 58% higher than the national average for all causes of death. Only 5% of Lincoln's patients have Medicare. Ninety-two percent of the Medicare patients are Black or Hispanic and they have an average of 4.9 diagnoses.

HCFA's mortality calculations indicate that Lincoln fell within the range of predicted mortality rates for all causes and for 15 of the 16 diagnostic categories. Nevertheless, we have serious reservations about the validity of the model and the prediction of death rates based on the limited data available on patient bills. Omitted from consideration in HCFA's model are: 1) the full range of clinical data describing the patient's condition upon admission that are not available on the bill; and 2) several significant variables, like patient race and admission source, that are available on the bill.

Specifically, although national statistics indicate that blacks have substantially higher mortality rates for many diseases targeted in HCFA's model, there is no adjustment for patient race. 32% of Lincoln's Medicare patients are black. We also know that the poor elderly are generally in poorer overall health and have less access to primary care, but no adjustment is made for socioeconomic status, even through a useful proxy for this (i.e., a secondary pay source of Medicaid) is available on the patient bill. 89% of Lincoln's Medicare patients have Medicaid as a secondary pay source. Similarly, admission priority (elective vs. emergency) is associated with mortality risk and is available on the bill, but is not factored into HCFA's prediction model. 98% of Lincoln's Medicare cases are admitted through the ER as emergency priorities.

AFFILIATED WITH NEW YORK MEDICAL COLLEGE

Despite the statistical evidence of our high risk patient population, we did review the medical records of all severe acute heart disease deaths reported by HCFA. More than half of these patients had five or more secondary diagnoses with an average of 4 secondary diagnoses including a history of past heart attacks (2-3), diabetes, renal failure, chronic obstructive pulmonary disease and hypertension. Thirty-six percent of these patients arrived in Lincoln's ER after suffering massive heart attacks and died within 24 hours of admission. We also note that Lincoln's primary service area has a 26% greater age-adjusted death rate for heart disease than the national figure. Our chart review indicates that the outcome for these patients was the result of the severity of each patient's illness.

As part of Lincoln's Quality Assurance Program, we have been dedicated to 100% review of all mortalities in order to monitor and improve patient outcomes and we will continue our efforts in this area.

Sincerely,

Angel L. Quinones
Executive Director

ALQ/nt

Hospital I.D. Number: 33-0080

LITTLE FALLS HOSP

140 BURWELL ST
LITTLE FALLS, NY 13365

Medicare Hospital Provider Number: 330148

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	930	10	10 - 15	951	12	10 - 16
Cancer	22	41	27 - 68	37	73	31 - 62
Cerebrovascular Accidents	36	28	18 - 48	33	42	17 - 50
Gastrointestinal Catastrophes	7	14	11 - 68	8	25	13 - 71
Infectious Disease	7	43	9 - 73	16	25	14 - 58
Metabolic/Electrolyte Disorders	35	11	9 - 38	28	18	8 - 42
Pulmonary Disease	61	30	17 - 42	57	14	17 - 38
Renal Failure	1	100	3 - 98	2	100	5 - 90
Severe Acute Heart Disease	38	32	24 - 54	29	38	23 - 58
Severe Chronic Heart Disease	55	15	14 - 34	57	26	15 - 39
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	78	0	1 - 7	71	6	0 - 22
Gynecologic Disease	12	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	140	2	2 - 8	103	1	1 - 7
Musculoskeletal/Skin Conditions	77	4	0 - 16	112	0	1 - 6
Neuropsychiatric/Sensory Disease	27	4	0 - 38	42	5	0 - 45
Urologic Disease	18	0	0 - 94	34	0	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	134
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	23
Percent of Physicians Who Are Board Certified Specialists:	57
Interns and Residents:	0
Registered Nurses:	91
Licensed Practical Nurses:	37

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LOCKPORT MEM HOSP

521 EAST AVE
LOCKPORT, NY 14094

Medicare Hospital Provider Number: 330163

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,198	14	11 - 16	1,198	12	11 - 16
Cancer	33	67	30 - 63	27	48	29 - 68
Cerebrovascular Accidents	59	42	16 - 42	61	26	20 - 43
Gastrointestinal Catastrophes	7	43	13 - 78	7	43	14 - 78
Infectious Disease	15	33	18 - 65	7	29	8 - 71
Metabolic/Electrolyte Disorders	25	32	11 - 51	30	27	13 - 49
Pulmonary Disease	56	34	15 - 42	51	27	18 - 44
Renal Failure	3	33	8 - 90	1	100	1 - 97
Severe Acute Heart Disease	59	34	30 - 55	60	38	27 - 53
Severe Chronic Heart Disease	78	29	15 - 36	72	25	15 - 36
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	102	1	2 - 8	98	0	2 - 7
Gynecologic Disease	15	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	208	3	2 - 8	195	3	2 - 7
Musculoskeletal/Skin Conditions	77	1	1 - 10	78	3	1 - 12
Neuropsychiatric/Sensory Disease	23	0	0 - 50	27	0	0 - 70
Urologic Disease	65	3	1 - 16	56	0	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 114
Occupancy Rate (%): 70
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 94
Licensed Practical Nurses: 14

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

LONG BEACH MEM HOSP

455 E BAY DR
LONG BEACH, NY 11561

Medicare Hospital Provider Number: 330225

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,844	17	15 - 20	1,907	17	15 - 20
Cancer	46	41	33 - 64	46	57	34 - 65
Cerebrovascular Accidents	80	27	21 - 42	66	35	22 - 46
Gastrointestinal Catastrophes	18	22	20 - 62	14	29	19 - 67
Infectious Disease	64	44	30 - 59	58	48	27 - 57
Metabolic/Electrolyte Disorders	32	34	13 - 50	23	35	11 - 52
Pulmonary Disease	138	33	22 - 41	144	28	23 - 41
Renal Failure	17	65	30 - 85	18	61	23 - 80
Severe Acute Heart Disease	92	43	31 - 54	116	33	34 - 53
Severe Chronic Heart Disease	138	22	19 - 35	154	33	22 - 39
Severe Trauma	4	25	6 - 81	4	0	9 - 74
Gastrointestinal Disease	99	8	1 - 15	111	4	1 - 11
Gynecologic Disease	9	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	228	4	2 - 8	235	2	2 - 7
Musculoskeletal/Skin Conditions	177	4	2 - 9	175	2	2 - 8
Neuropsychiatric/Sensory Disease	62	2	1 - 12	83	0	1 - 7
Urologic Disease	51	2	0 - 30	71	4	1 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	394
Occupancy Rate (%):	89
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	139
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	9
Registered Nurses:	165
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LONG BEACH MEMORIAL HOSPITAL
P.O. BOX 300
LONG BEACH, NEW YORK 11561
(516) 432-8000

October 13, 1988 Medicare Provider #330225

COMMENTS ON HCFA MORTALITY INFORMATION

While, Long Beach Memorial Hospital notes that its actual mortality rates, in all categories, fall within the HCFA predicated mortality rates, we would like to take this opportunity to urge the residents of the communities we serve to use the HCFA Mortality Statistics cautiously, so as not, to draw improper conclusions on the quality of care rendered by our hospital.

The HCFA predicated mortality rates are developed by utilizing the average mortality rates of all Medicare patients who died in the country in 1987. Although, the predicated rate is adjusted for such things as; diagnosis, age and sex of the patient and certain selected complicating illnesses, it does not take into account the unique characterists of a hospital's patient profile. For example, the HCFA data does not take into account patients who are deemed terminal at the time of admission.

When reviewing the HCFA report, it is important for the public to have an understanding of the types of patients treated by a particular hospital. For example, some hospitals may treat only cancer patients in their final stages of disease while other hospitals may treat a predominance of trauma patients. Long Beach Memorial Hospital treats a large number of elderly patients which is reflective of the community it serves. The City of Long Beach has the highest concentration of elderly of any community in Nassau County. This is reflected in the number of nursing homes in the community. As of July 1987, there was a ratio of 12.5 nusing home beds per 1,000 population in the Long Beach Community, compared to a ratio of 4.1 nursing home beds per 1,000 population in the remainder of Nassau County. It is, therefore, reasonable to expect that Long Beach Memorial Hospital is admitting severly ill nursing home patients at a rate 3 times greater than the average in Nassau County and, consequently, would tend to care for a greater percentage of patients with multiple complicating conditions and shorter life expectancies than the population as a whole.

How then can hospitals and the public use mortality rates to make judgments with respect to the quality of care? The answer is that hospitals, such as Long Beach Memorial, review mortality information to determine whether patients are treated with optimal care and whether there are any opportunities to improve care. Mortality review, however, is only one part of Long Beach Memorial's overall quality review program. A variety of physician directed committees review many aspects of quality including; surgical case review, blood utilization review, infection control review, etc. to ensure that each patient is treated with the best possible care in the most appropriate manner. In fact, every record of every patient is reviewed by nurses and physicians to identify issues which may be contrary to expected treatment practices and to institute corrective action to raise the level of care, if warranted.

The HCFA mortality information is a useful mechanism to raise the public's consciousness about the quality of health care. However, mortality rates alone do not indicate the quality of care of any particular hospital, but may give rise to questions in the minds of the public which need to be answered. Accordingly, people who have particular concerns or questions of the HCFA information, are urged to contact the Long Beach Memorial Hospital to seek answers to those questions. Only in this manner, will the community develop confidence in their community hospital.

LONG ISLAND COLLEGE HOSP

340 HENRY ST
BROOKLYN, NY 11201

Medicare Hospital Provider Number: 330152

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,435	12	11 - 15	3,315	14	11 - 15
Cancer	155	36	30 - 50	170	37	34 - 54
Cerebrovascular Accidents	112	21	18 - 35	103	35	18 - 38
Gastrointestinal Catastrophes	37	24	19 - 51	31	16	19 - 51
Infectious Disease	80	44	24 - 50	62	37	23 - 52
Metabolic/Electrolyte Disorders	51	33	12 - 43	38	34	7 - 42
Pulmonary Disease	260	31	24 - 39	252	35	22 - 38
Renal Failure	31	26	8 - 58	35	26	13 - 63
Severe Acute Heart Disease	86	41	29 - 52	106	52	30 - 51
Severe Chronic Heart Disease	159	16	16 - 29	144	18	16 - 31
Severe Trauma	10	20	8 - 62	3	0	3 - 80
Gastrointestinal Disease	154	3	1 - 8	182	3	1 - 8
Gynecologic Disease	17	0	0 -100	29	0	0 -100
Low-Risk Heart Disease	378	2	2 - 6	338	4	1 - 6
Musculoskeletal/Skin Conditions	198	2	1 - 7	182	3	0 - 8
Neuropsychiatric/Sensory Disease	346	1	1 - 6	394	3	1 - 6
Urologic Disease	183	1	0 - 10	147	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	567
Occupancy Rate (%):	89
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	408
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	135
Registered Nurses:	678
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LONG ISLAND JEWISH MEDICAL CENTER

270-05 76TH AVE
NEW HYDE PARK, NY 11042

Medicare Hospital Provider Number: 330195

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,989	9	10 - 14	4,234	12	10 - 14
Cancer	220	33	29 - 48	260	32	30 - 48
Cerebrovascular Accidents	130	28	18 - 36	156	30	18 - 34
Gastrointestinal Catastrophes	39	33	19 - 53	40	38	18 - 52
Infectious Disease	45	38	22 - 54	48	48	24 - 56
Metabolic/Electrolyte Disorders	23	22	16 - 54	32	22	13 - 46
Pulmonary Disease	140	18	21 - 37	156	28	17 - 35
Renal Failure	23	4	11 - 56	25	24	11 - 63
Severe Acute Heart Disease	206	26	30 - 46	229	31	30 - 45
Severe Chronic Heart Disease	124	30	15 - 33	153	24	15 - 30
Severe Trauma	4	25	8 - 82	6	33	6 - 75
Gastrointestinal Disease	294	1	1 - 5	266	3	1 - 6
Gynecologic Disease	44	0	0 - 90	32	0	0 -100
Low-Risk Heart Disease	646	3	2 - 6	588	3	2 - 6
Musculoskeletal/Skin Conditions	255	2	1 - 6	267	2	1 - 6
Neuropsychiatric/Sensory Disease	168	2	1 - 7	202	1	0 - 6
Urologic Disease	201	0	0 - 5	252	0	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	825
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1,535
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	439
Registered Nurses:	1,341
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LUTHERAN MEDICAL CENTER

150 55 ST
BROOKLYN, NY 11220

Medicare Hospital Provider Number: 330306

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,301	13	11 - 15	2,969	11	12 - 16
Cancer	139	41	32 - 53	140	35	30 - 52
Cerebrovascular Accidents	136	20	18 - 34	132	17	21 - 36
Gastrointestinal Catastrophes	36	31	19 - 53	37	22	22 - 54
Infectious Disease	35	51	20 - 55	22	27	18 - 58
Metabolic/Electrolyte Disorders	68	28	11 - 39	81	15	15 - 39
Pulmonary Disease	155	24	19 - 36	148	26	18 - 36
Renal Failure	23	39	17 - 70	20	25	17 - 70
Severe Acute Heart Disease	166	39	28 - 46	130	33	30 - 48
Severe Chronic Heart Disease	154	20	16 - 30	183	21	15 - 29
Severe Trauma	6	33	2 - 75	8	0	10 - 55
Gastrointestinal Disease	236	1	2 - 6	208	4	1 - 8
Gynecologic Disease	30	0	0 -100	30	0	0 -100
Low-Risk Heart Disease	478	4	2 - 6	399	4	2 - 7
Musculoskeletal/Skin Conditions	282	4	1 - 7	273	1	2 - 6
Neuropsychiatric/Sensory Disease	71	6	0 - 23	58	3	0 - 23
Urologic Disease	181	2	0 - 9	135	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	487
Occupancy Rate (%):	95
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	340
Percent of Physicians Who Are Board Certified Specialists:	53
Interns and Residents:	95
Registered Nurses:	418
Licensed Practical Nurses:	54

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MAIMONIDES MEDICAL CENTER

4802 TENTH AVENUE
BROOKLYN, NY 11219

Medicare Hospital Provider Number: 330194

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,264	11	10 - 14	5,194	11	11 - 15
Cancer	204	41	31 - 50	219	40	34 - 53
Cerebrovascular Accidents	179	22	22 - 37	203	20	21 - 34
Gastrointestinal Catastrophes	40	27	22 - 55	37	30	23 - 57
Infectious Disease	86	37	27 - 53	78	41	29 - 56
Metabolic/Electrolyte Disorders	48	29	14 - 45	38	32	11 - 45
Pulmonary Disease	229	23	21 - 36	255	26	22 - 37
Renal Failure	24	25	18 - 68	32	16	17 - 65
Severe Acute Heart Disease	237	29	31 - 46	267	27	32 - 47
Severe Chronic Heart Disease	277	25	17 - 30	260	20	20 - 32
Severe Trauma	12	25	7 - 59	2	0	1 - 90
Gastrointestinal Disease	396	3	1 - 6	368	2	2 - 6
Gynecologic Disease	59	0	0 - 98	39	3	0 -100
Low-Risk Heart Disease	753	4	2 - 6	727	5	2 - 6
Musculoskeletal/Skin Conditions	349	3	1 - 6	325	5	1 - 7
Neuropsychiatric/Sensory Disease	217	1	1 - 6	272	4	1 - 8
Urologic Disease	369	1	0 - 5	403	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	700
Occupancy Rate (%):	95
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	458
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	247
Registered Nurses:	673
Licensed Practical Nurses:	48

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MANHATTAN EYE EAR THROAT HOSP

210 E 64TH ST
NEW YORK, NY 10021

Medicare Hospital Provider Number: 330247

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,678	0	1 - 5	3,154	0	1 - 5
Cancer	9	0	15 - 53	7	0	11 - 57
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 -100	1	0	0 - 99
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	1	0	0 -100
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	83	0	1 - 7	57	0	0 - 25
Neuropsychiatric/Sensory Disease	2,380	0	1 - 4	2,844	0	1 - 4
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	150
Occupancy Rate (%):	53
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	308
Percent of Physicians Who Are Board Certified Specialists:	98
Interns and Residents:	31
Registered Nurses:	155
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MARGARETVILLE MEM HOSP

RT 28
MARGARETVILLE, NY 12455

Medicare Hospital Provider Number: 330092

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	265	12	10 - 18	279	14	10 - 19
Cancer	11	64	21 - 74	9	78	25 - 78
Cerebrovascular Accidents	6	17	6 - 68	9	22	10 - 64
Gastrointestinal Catastrophes	1	0	1 - 97	2	0	3 - 88
Infectious Disease	5	40	10 - 81	2	50	7 - 95
Metabolic/Electrolyte Disorders	8	25	4 - 66	13	15	6 - 52
Pulmonary Disease	10	20	14 - 64	18	6	13 - 43
Renal Failure	2	100	9 - 93	0	-	-
Severe Acute Heart Disease	12	42	10 - 63	17	35	18 - 62
Severe Chronic Heart Disease	25	20	14 - 46	26	19	14 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	29	0	0 - 27	30	0	0 - 21
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	33	3	0 - 41	29	3	0 - 46
Musculoskeletal/Skin Conditions	29	0	1 - 18	38	3	0 - 22
Neuropsychiatric/Sensory Disease	4	0	0 -100	7	0	0 -100
Urologic Disease	9	0	0 - 65	8	13	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 53
Occupancy Rate (%): 85
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 10
Percent of Physicians Who Are Board Certified Specialists: 40
Interns and Residents: 0
Registered Nurses: 23
Licensed Practical Nurses: 9

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MARGARETVILLE MEMORIAL HOSPITAL
ROUTE 28 - P.O.BOX 168
MARGARETVILLE, NEW YORK 12455
TELEPHONE 914 - 586-2631

October 14, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The following information is provided in an effort to clarify the Medicare hospital mortality information which HCFA intends to publish this December. Initially, I should like to point out errors that HCFA obtained from the American Hospital Association's 1986 files. The number of beds at the Margaretville Memorial Hospital is 22, rather than the 18 listed in the HCFA report. In addition, the hospital does operate a certified and New York State licensed Coronary Care Unit. I note that the information received by HCFA states that a Coronary Care Unit does not exist at the Margaretville Memorial Hospital.

Secondly, I wish to point out for the general edification of those who may read the Medicare hospital mortality information for the Margaretville Memorial Hospital, that in many instances the information is based on a relatively small number of patient cases. Readers should be very careful not to be misled by these small numbers. For example, the 1987 calendar year actual mortality rate for the diagnostic category of renal failure, is listed as 100%. In actuality, the 100% mortality rate reflects two patients who were discharged from the Margaretville Memorial Hospital in 1987. Both of these patients were terminally ill, more than 85 years old, with the expectation on admission that the patient would not survive. As a result, the range for predicted mortality of 9-93%

is not a realistic range given that only two cases are considered within this diagnostic category.

Sincerely,

David A. Summers
Chief Executive Officer

DAS:pk

MARY MCCLELLAN HOSP

1 MYRTLE AVE
CAMBRIDGE, NY 12816

Medicare Hospital Provider Number: 330020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	566	9	8 - 13	546	7	8 - 13
Cancer	12	58	20 - 72	16	50	24 - 71
Cerebrovascular Accidents	9	11	10 - 58	12	17	10 - 55
Gastrointestinal Catastrophes	4	25	4 - 80	3	0	7 - 81
Infectious Disease	2	0	2 - 89	2	50	2 - 92
Metabolic/Electrolyte Disorders	1	0	2 -100	0	-	-
Pulmonary Disease	32	13	15 - 41	26	12	13 - 42
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	23	30	23 - 61	21	19	24 - 59
Severe Chronic Heart Disease	28	29	11 - 45	21	19	11 - 46
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	69	3	1 - 14	53	0	1 - 10
Gynecologic Disease	4	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	77	3	1 - 12	75	0	1 - 7
Musculoskeletal/Skin Conditions	71	0	1 - 8	82	2	1 - 11
Neuropsychiatric/Sensory Disease	15	0	0 - 98	14	0	0 - 86
Urologic Disease	13	8	0 - 99	25	4	0 - 67

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 113
Occupancy Rate (%): (not available)
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

MASSAPEQUA GENERAL HOSP

750 HICKSVILLE RD
SEAFORD, NY 11783

Medicare Hospital Provider Number: 330336

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	938	11	9 - 14	958	12	10 - 16
Cancer	32	59	27 - 62	33	39	27 - 62
Cerebrovascular Accidents	26	19	15 - 47	30	10	18 - 43
Gastrointestinal Catastrophes	6	33	10 - 76	9	67	13 - 71
Infectious Disease	12	33	9 - 61	9	56	11 - 70
Metabolic/Electrolyte Disorders	12	25	10 - 60	5	0	5 - 64
Pulmonary Disease	42	5	11 - 30	47	19	16 - 41
Renal Failure	3	67	7 - 89	3	33	7 - 90
Severe Acute Heart Disease	38	53	21 - 54	44	59	28 - 58
Severe Chronic Heart Disease	70	24	11 - 33	67	21	13 - 34
Severe Trauma	2	0	0 - 94	1	0	0 - 97
Gastrointestinal Disease	84	1	1 - 9	80	4	1 - 14
Gynecologic Disease	16	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	117	0	1 - 5	126	2	1 - 7
Musculoskeletal/Skin Conditions	85	6	0 - 25	101	1	0 - 8
Neuropsychiatric/Sensory Disease	15	0	0 - 81	10	10	0 -100
Urologic Disease	33	0	0 - 68	41	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	122
Occupancy Rate (%):	66
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MASSENA MEMORIAL HOSP

ONE HOSPITAL DRIVE
MASSENA, NY 13662

Medicare Hospital Provider Number: 330223

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	542	14	8 - 15	548	18	10 - 17
Cancer	17	71	27 - 70	19	68	35 - 77
Cerebrovascular Accidents	11	27	11 - 62	23	43	11 - 51
Gastrointestinal Catastrophes	4	0	7 - 72	3	33	9 - 89
Infectious Disease	2	100	1 - 89	1	0	0 - 98
Metabolic/Electrolyte Disorders	6	50	5 - 75	8	25	6 - 66
Pulmonary Disease	32	22	12 - 42	30	23	13 - 45
Renal Failure	2	100	8 - 93	3	100	14 - 89
Severe Acute Heart Disease	23	43	22 - 61	33	48	23 - 57
Severe Chronic Heart Disease	20	25	8 - 47	31	42	11 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	53	0	0 - 12	57	5	0 - 26
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	68	3	0 - 15	73	4	1 - 15
Musculoskeletal/Skin Conditions	43	0	0 - 19	42	2	0 - 50
Neuropsychiatric/Sensory Disease	16	0	0 - 90	23	9	0 - 91
Urologic Disease	22	5	0 - 99	21	5	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	85
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	22
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	39
Licensed Practical Nurses:	31

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEDICAL ARTS CTR HOS

57 W 57TH ST
NEW YORK, NY 10019

Medicare Hospital Provider Number: 330281

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	324	1	2 - 6	361	1	2 - 6
Cancer	0	-	-	3	33	12 - 92
Cerebrovascular Accidents	3	33	3 - 86	1	0	1 - 97
Gastrointestinal Catastrophes	1	100	3 - 98	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	4	0	10 - 73	1	0	0 - 97
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	2	0	3 - 88
Severe Chronic Heart Disease	0	-	-	2	0	0 - 92
Severe Trauma	1	0	1 - 97	1	0	0 - 98
Gastrointestinal Disease	10	0	0 - 98	7	0	0 -100
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	8	0	0 -100	10	0	0 -100
Musculoskeletal/Skin Conditions	43	0	0 - 80	49	0	0 - 42
Neuropsychiatric/Sensory Disease	167	0	1 - 5	178	0	0 - 5
Urologic Disease	19	0	0 -100	32	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	86
Occupancy Rate (%):	48
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	110
Percent of Physicians Who Are Board Certified Specialists:	48
Interns and Residents:	2
Registered Nurses:	28
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEDINA MEMORIAL HOSP

500 OHIO STREET
MEDINA, NY 14103

Medicare Hospital Provider Number: 330053

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	632	11	10 - 15	597	12	9 - 15
Cancer	18	50	20 - 65	13	38	25 - 75
Cerebrovascular Accidents	22	32	12 - 51	24	33	13 - 50
Gastrointestinal Catastrophes	3	0	13 - 85	9	33	12 - 70
Infectious Disease	2	50	2 - 92	1	100	2 - 97
Metabolic/Electrolyte Disorders	14	7	8 - 47	9	0	5 - 47
Pulmonary Disease	41	27	21 - 50	38	29	10 - 41
Renal Failure	4	50	5 - 84	0	-	-
Severe Acute Heart Disease	33	36	21 - 55	27	44	19 - 56
Severe Chronic Heart Disease	42	29	11 - 40	34	26	12 - 42
Severe Trauma	1	0	0 - 99	1	0	0 - 98
Gastrointestinal Disease	45	2	0 - 21	68	4	1 - 16
Gynecologic Disease	8	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	97	1	1 - 8	84	0	2 - 7
Musculoskeletal/Skin Conditions	44	2	0 - 25	39	3	0 - 23
Neuropsychiatric/Sensory Disease	15	0	0 - 98	20	0	0 - 96
Urologic Disease	49	2	0 - 27	33	3	0 - 38

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 101
Occupancy Rate (%): 72
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 23
Percent of Physicians Who Are Board Certified Specialists: 65
Interns and Residents: 0
Registered Nurses: 55
Licensed Practical Nurses: 18

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

MEMORIAL HOSP

600 NORTHERN BLVD
ALBANY, NY 12204

Medicare Hospital Provider Number: 330003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,398	12	11 - 16	2,019	12	11 - 15
Cancer	127	37	30 - 52	85	29	30 - 53
Cerebrovascular Accidents	113	25	20 - 37	72	15	17 - 36
Gastrointestinal Catastrophes	26	42	18 - 59	27	37	18 - 57
Infectious Disease	10	50	8 - 66	18	33	16 - 61
Metabolic/Electrolyte Disorders	61	21	11 - 38	40	15	11 - 40
Pulmonary Disease	165	22	19 - 35	148	22	16 - 33
Renal Failure	15	27	17 - 72	6	17	10 - 77
Severe Acute Heart Disease	84	42	26 - 49	74	32	28 - 51
Severe Chronic Heart Disease	152	24	17 - 32	134	27	16 - 33
Severe Trauma	3	33	2 - 86	1	0	0 - 99
Gastrointestinal Disease	170	4	1 - 9	164	3	2 - 8
Gynecologic Disease	13	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	216	2	2 - 6	175	3	1 - 8
Musculoskeletal/Skin Conditions	223	2	1 - 7	197	3	1 - 7
Neuropsychiatric/Sensory Disease	23	4	0 - 89	35	3	0 - 31
Urologic Disease	134	1	0 - 7	104	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	233
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	158
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	241
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ALBANY
MEMORIAL HOSPITAL

Bernard Shapiro, FACHE
Chief Executive Officer

October 19, 1988

Medicare
Provider
# 330003

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Although we agree with HCFA that efforts need to be made to develop meaningful ways in which to evaluate quality of care, we question the ability of your current model to predict mortality and the efficacy of mortality data as a total quality indicator. Of great concern to us is the way in which this data is presented to the public. We would like it to be made clear that as a hospital all deaths are thoroughly reviewed as part of our comprehensive quality assurance program.

Although HCFA undoubtedly uses a sophisticated method in its study, the predicted rates are averages. The statistical methods used to predict the mortality rates are intended only to say whether it is likely that the hospital's mortality rates differ from the average. They do not say why the rates differ or whether differences are good, bad or indifferent. A mortality rate that is higher or lower than the predicted rate is not an indication of the quality of care provided. It does, at most, begin to raise questions without definitive answers.

The presumption that the general public will be led to make is that high outliers are more likely to provide substandard care and low outliers are more likely to provide better than average care. However, this may very well not be the case as indicated in record reviews conducted in a New York State Department of Health study to test the validity of the HCFA Study. "The results indicate that, as a group, HCFA's high outliers had significantly lower percentages of quality of care problems than non-outlier (hospitals that were neither high nor low outliers). Furthermore, although results for individual hospitals must be treated with caution because the sample sizes are much smaller than for the aggregate data, only one of the high outliers had a higher percentage of quality of care problems than the non-outliers. All others had lower percentages, and two were significantly lower (Medical Benefits, The Medical-Economic Digest, 9/15/88 p. 4)."

These mortality figures are a single number reflection of complex health variables. Quality encompasses many variables and we thank you for the opportunity to respond to this information. We would also welcome any member of our community to schedule a tour, talk with our staff and meet with us to discuss Albany Memorial Hospital's ongoing quality assurance activities.

Sincerely,

Bernard Shapiro
President/Chief Executive Officer

MEMORIAL HOSP

1275 YORK AVE
NEW YORK, NY 10021

Medicare Hospital Provider Number: 330154

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,597	12	16 - 20	2,569	12	14 - 19
Cancer	671	26	32 - 47	664	23	29 - 45
Cerebrovascular Accidents	14	29	11 - 57	8	38	7 - 68
Gastrointestinal Catastrophes	14	57	21 - 71	12	42	11 - 65
Infectious Disease	46	43	30 - 62	43	35	25 - 57
Metabolic/Electrolyte Disorders	26	54	26 - 66	28	54	17 - 56
Pulmonary Disease	67	25	22 - 45	62	23	14 - 37
Renal Failure	6	17	9 - 76	4	75	5 - 83
Severe Acute Heart Disease	6	83	18 - 78	9	22	17 - 70
Severe Chronic Heart Disease	8	25	6 - 65	7	43	3 - 71
Severe Trauma	1	0	0 - 98	1	0	0 - 98
Gastrointestinal Disease	100	2	2 - 10	78	8	0 - 25
Gynecologic Disease	15	0	0 - 98	14	0	0 -100
Low-Risk Heart Disease	28	21	2 - 38	39	13	1 - 32
Musculoskeletal/Skin Conditions	54	7	1 - 21	67	10	0 - 29
Neuropsychiatric/Sensory Disease	22	5	1 - 33	21	10	0 - 49
Urologic Disease	48	2	0 - 81	58	3	0 - 37

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	565
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	407
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

MEMORIAL HOSP OF GREENE CTY

159 JEFFERSON HEIGHTS
CATSKILL, NY 12414

Medicare Hospital Provider Number: 330052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	709	13	10 - 16	773	15	10 - 17
Cancer	11	64	18 - 71	18	39	16 - 60
Cerebrovascular Accidents	23	22	12 - 47	28	21	15 - 46
Gastrointestinal Catastrophes	8	38	9 - 70	4	0	5 - 71
Infectious Disease	10	20	15 - 66	7	57	8 - 73
Metabolic/Electrolyte Disorders	23	43	11 - 53	28	21	7 - 43
Pulmonary Disease	57	25	15 - 40	65	28	14 - 39
Renal Failure	3	67	2 - 87	1	0	1 - 97
Severe Acute Heart Disease	42	43	22 - 53	45	38	26 - 55
Severe Chronic Heart Disease	46	20	11 - 36	48	25	12 - 37
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	49	0	1 - 12	55	9	0 - 27
Gynecologic Disease	12	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	85	1	1 - 9	90	7	1 - 15
Musculoskeletal/Skin Conditions	60	5	0 - 35	69	6	1 - 18
Neuropsychiatric/Sensory Disease	10	0	0 -100	20	0	0 - 50
Urologic Disease	20	5	0 - 97	19	0	0 - 82

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 199
Occupancy Rate (%): 86
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 32
Percent of Physicians Who Are Board Certified Specialists: 66
Interns and Residents: 0
Registered Nurses: 80
Licensed Practical Nurses: 28

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MERCY COMMUNITY HOSP

160 E MAIN ST
PORT JERVIS, NY 12771

Medicare Hospital Provider Number: 330135

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,067	11	9 - 14	1,059	11	10 - 15
Cancer	28	32	30 - 66	35	49	29 - 64
Cerebrovascular Accidents	32	28	14 - 46	37	30	16 - 46
Gastrointestinal Catastrophes	5	20	3 - 75	13	23	12 - 60
Infectious Disease	15	47	14 - 62	25	44	19 - 60
Metabolic/Electrolyte Disorders	8	13	6 - 61	8	38	3 - 69
Pulmonary Disease	64	16	15 - 36	63	25	13 - 37
Renal Failure	5	60	17 - 92	1	0	2 - 97
Severe Acute Heart Disease	35	46	26 - 60	36	28	24 - 55
Severe Chronic Heart Disease	59	22	12 - 35	67	18	17 - 37
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	92	2	1 - 10	74	0	1 - 8
Gynecologic Disease	5	0	0 -100	5	20	0 -100
Low-Risk Heart Disease	163	3	1 - 8	143	4	1 - 10
Musculoskeletal/Skin Conditions	88	3	0 - 16	87	0	1 - 7
Neuropsychiatric/Sensory Disease	31	0	0 - 49	63	0	0 - 11
Urologic Disease	48	2	0 - 32	39	3	0 - 56

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	108
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	112
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSP

1000 N VILLAGE AVE
ROCKVILLE CENTRE, NY 11570

Medicare Hospital Provider Number: 330259

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,830	12	11 - 15	2,712	14	11 - 16
Cancer	158	40	32 - 53	143	48	32 - 54
Cerebrovascular Accidents	96	24	18 - 37	97	22	18 - 36
Gastrointestinal Catastrophes	24	38	17 - 58	24	33	21 - 61
Infectious Disease	30	30	25 - 60	45	42	25 - 57
Metabolic/Electrolyte Disorders	115	39	23 - 48	79	37	19 - 46
Pulmonary Disease	84	27	17 - 39	88	25	16 - 37
Renal Failure	10	40	22 - 85	15	47	26 - 85
Severe Acute Heart Disease	82	33	28 - 50	122	37	28 - 48
Severe Chronic Heart Disease	128	23	14 - 30	118	21	16 - 32
Severe Trauma	5	40	3 - 78	5	80	11 - 78
Gastrointestinal Disease	267	1	2 - 6	230	3	1 - 7
Gynecologic Disease	30	0	0 -100	27	0	0 -100
Low-Risk Heart Disease	285	2	2 - 6	253	2	1 - 6
Musculoskeletal/Skin Conditions	259	3	1 - 7	246	4	1 - 8
Neuropsychiatric/Sensory Disease	109	0	1 - 6	131	3	0 - 11
Urologic Disease	106	0	0 - 7	123	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	398
Occupancy Rate (%):	81
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	438
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	4
Registered Nurses:	391
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

mercy hospital

1000 North Village Avenue / Rockville Centre / New York 11570 / 516-255-2201

Richard C. Herrmann, F.A.C.H.E.
Executive Vice President
& Chief Executive Officer

October 18, 1988

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider No. 330259

Dear Ms. Kappert:

There is no doubt that it is important to measure quality of care. Mortality data alone, however, cannot accomplish this complex task. Mortality information is useful in the quality assurance process to the extent that it may highlight cases or areas for further study, but actual case review is the only way to determine the quality of care provided.

Mercy Hospital maintains a vigorous utilization review and quality assurance program of all pertinent hospital services. This is provided in an effort to maximize the quality of patient care in a cost effective manner and to assist in the provision of good medical practice, as prescribed by the Joint Commission on Accreditation of Healthcare Organizations and the New York State Department of Health. These goals are achieved by a system of monitoring written reports documenting the activities of the various clinical and nursing services and other hospital departments, as indicated.

This year's HCFA analysis, although an improvement over earlier versions, is still of limited usefulness. The HCFA model fails to incorporate potentially influential variables such as the type of admission (emergent or elective), unique hospital services, admission source, and most importantly, patient specific severity of illness adjustment. Also, in the past year, a number of studies have been released, such as that published by the New York State Department of Health, which has shown quantitatively many of the flaws in the methodology and the inaccurate conclusions which can be drawn from this information. While the HCFA model highlights areas for further review, it is at best an incomplete and potentially misleading indication of quality of care.

We would also like to comment upon the hospital characteristics listed beneath the Mortality Data, and clarify any possible misunderstanding about specialty services. This information indicates that we have an organ transplant service. What has been omitted, however, is that this service is limited to cochlear (ear) transplants. Regarding Hospice Care, although this response correctly indicates that we do not have a formal Hospice Program at this time, it does not reflect that Mercy has been serving terminal cancer patients since September, 1978 through its inpatient cancer care program that provides many of the same services.

Please be assured that Mercy's first priority has been, and will continue to be, to provide compassionate and quality care for our patients.

Sincerely,

Richard C. Herrmann
Executive Vice President

SEW:lcw

MERCY HOSP

565 ABBOTT RD
BUFFALO, NY 14220

Medicare Hospital Provider Number: 330279

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,253	11	10 - 14	3,200	12	10 - 14
Cancer	119	50	31 - 53	120	55	32 - 54
Cerebrovascular Accidents	170	28	21 - 37	169	30	20 - 36
Gastrointestinal Catastrophes	39	38	25 - 59	31	32	20 - 57
Infectious Disease	24	54	20 - 60	31	29	22 - 57
Metabolic/Electrolyte Disorders	26	23	11 - 48	35	23	8 - 42
Pulmonary Disease	107	24	15 - 35	73	27	15 - 38
Renal Failure	9	33	14 - 78	8	63	18 - 84
Severe Acute Heart Disease	187	35	30 - 47	190	34	32 - 49
Severe Chronic Heart Disease	148	18	15 - 29	170	19	16 - 30
Severe Trauma	5	20	2 - 75	6	17	9 - 72
Gastrointestinal Disease	257	2	2 - 7	240	2	1 - 7
Gynecologic Disease	45	0	0 -100	23	4	0 -100
Low-Risk Heart Disease	407	2	2 - 5	435	4	2 - 6
Musculoskeletal/Skin Conditions	294	2	1 - 6	281	2	1 - 6
Neuropsychiatric/Sensory Disease	141	1	1 - 8	177	2	0 - 8
Urologic Disease	165	1	1 - 7	165	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	409
Occupancy Rate (%):	92
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	256
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	31
Registered Nurses:	284
Licensed Practical Nurses:	102

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSP OF WATERTOWN

218 STONE ST
WATERTOWN, NY 13601

Medicare Hospital Provider Number: 330015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,033	12	9 - 14	928	11	9 - 14
Cancer	24	38	19 - 59	30	40	25 - 61
Cerebrovascular Accidents	46	39	16 - 44	25	32	11 - 48
Gastrointestinal Catastrophes	9	22	11 - 66	12	58	12 - 65
Infectious Disease	5	20	5 - 74	7	14	7 - 65
Metabolic/Electrolyte Disorders	24	25	8 - 47	19	21	12 - 52
Pulmonary Disease	55	22	11 - 35	57	11	12 - 32
Renal Failure	11	64	16 - 77	8	25	14 - 79
Severe Acute Heart Disease	36	58	22 - 55	31	32	17 - 51
Severe Chronic Heart Disease	54	19	12 - 34	57	23	13 - 36
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	97	3	1 - 12	76	3	1 - 12
Gynecologic Disease	7	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	94	4	0 - 14	89	2	1 - 10
Musculoskeletal/Skin Conditions	102	1	1 - 8	86	2	0 - 14
Neuropsychiatric/Sensory Disease	23	0	0 - 45	28	0	0 - 33
Urologic Disease	45	0	0 - 14	62	5	0 - 41

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	426
Occupancy Rate (%):	72
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	83
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	113
Licensed Practical Nurses:	58

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

METHODIST HOSP OF BROOKLYN

506 SIXTH ST
BROOKLYN, NY 11215

Medicare Hospital Provider Number: 330236

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,962	11	11 - 15	2,918	11	12 - 16
Cancer	118	33	34 - 56	106	34	32 - 55
Cerebrovascular Accidents	102	23	19 - 37	101	26	20 - 39
Gastrointestinal Catastrophes	18	28	18 - 61	24	33	18 - 59
Infectious Disease	37	22	20 - 50	27	11	24 - 54
Metabolic/Electrolyte Disorders	51	33	16 - 47	94	19	18 - 42
Pulmonary Disease	170	29	21 - 39	177	24	20 - 37
Renal Failure	20	25	15 - 67	16	50	18 - 76
Severe Acute Heart Disease	117	29	29 - 48	125	32	32 - 50
Severe Chronic Heart Disease	165	15	17 - 30	154	24	18 - 34
Severe Trauma	1	0	0 - 98	5	0	16 - 73
Gastrointestinal Disease	217	4	1 - 8	173	2	1 - 7
Gynecologic Disease	25	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	423	3	2 - 6	442	2	2 - 5
Musculoskeletal/Skin Conditions	205	4	1 - 8	195	3	1 - 8
Neuropsychiatric/Sensory Disease	67	3	0 - 23	132	2	1 - 8
Urologic Disease	140	1	0 - 7	115	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 514
Occupancy Rate (%): 82
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 333
Percent of Physicians Who Are Board Certified Specialists: 68
Interns and Residents: 143
Registered Nurses: 509
Licensed Practical Nurses: 54

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

THE METHODIST
HOSPITAL

[illegible] 11215-9008 TEL [illegible]

October 6, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207
Attn: Sandra Kappert

Re: Hospital ID 330236
Methodist Hospital of Brooklyn
506 Sixth Street
Brooklyn, New York 11215

Dear Ms. Kappert:

Receipt of the material relative to this Hospital prepared for the Medicare Hospital Mortality Information (1987) is acknowledged. The statistical information was reviewed and we found no significant deviation from our records.

There were three errors in the hospital characteristics as presented. These appear to be errors in transcriptional information from the AHA in 1986, and possibly will be corrected when you pick up the 1987 information. However, please note that the number of beds is 514, and the Hospital does have a Coronary Care Unit. The Hospital does not have organ transplant service.

Thank you for the opportunity to review the information prior to publication.

Very truly yours,

Don A. Rece /km

Don A. Rece
President

km

METROPOLITAN HOSP CENTER

1901 1ST AVE
NEW YORK, NY 10029

Medicare Hospital Provider Number: 330199

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,187	15	10 - 15	1,107	19	11 - 17
Cancer	30	30	24 - 59	26	38	29 - 67
Cerebrovascular Accidents	52	23	15 - 39	49	41	16 - 44
Gastrointestinal Catastrophes	13	46	17 - 68	17	59	15 - 62
Infectious Disease	10	50	12 - 69	13	69	14 - 64
Metabolic/Electrolyte Disorders	31	29	9 - 45	17	24	4 - 50
Pulmonary Disease	65	43	19 - 45	61	36	15 - 42
Renal Failure	10	10	5 - 63	10	60	9 - 73
Severe Acute Heart Disease	62	58	28 - 54	70	59	25 - 50
Severe Chronic Heart Disease	62	11	15 - 33	65	22	16 - 37
Severe Trauma	0	-	-	5	60	7 - 79
Gastrointestinal Disease	62	10	0 - 34	61	0	1 - 9
Gynecologic Disease	12	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	106	2	2 - 9	108	6	1 - 13
Musculoskeletal/Skin Conditions	92	3	1 - 12	85	0	1 - 7
Neuropsychiatric/Sensory Disease	66	0	1 - 9	68	3	0 - 26
Urologic Disease	36	0	0 - 51	22	9	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	569
Occupancy Rate (%):	94
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	268
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	242
Registered Nurses:	387
Licensed Practical Nurses:	120

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

METROPOLITAN HOSPITAL CENTER

Metropolitan Health Plan
1901 First Avenue/97th Street
New York, NY 10029
212/230-6501

Office of the Executive Director

October 21, 1988

Wiiliam L. Roper, M.D.
Administrator
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider No. 330199

Dear Dr. Roper:

Despite the fact that Metropolitan Hospital's overall Medicare mortality rate fell within HCFA's predicted range, we have serious reservations about the value of HCFA's public release of Medicare death rates. The basic problem is that HCFA is attempting to predict a hospital's death rate based on very limited data available on Medicare bills for patients that had their last calendar year 1987 admission in that hospital. Omitted from consideration are:

1) the full range of clinical data describing the patient's condition upon admission that are not available on the bill;

2) several significant variables like patient race and admission source that are available on the bill; and

3) any "credit" for having successfully treated and discharged patients who are later hospitalized in another facility.

Specifically, although national statistics indicate that blacks have substantially higher mortality rates for many diseases targeted in HCFA's model, there is no adjustment for patient race. One third of Metropolitan's Medicare patients are black. We also know that poor patients are generally in poorer overall health and have less access to primary care which may result in poorer condition upon admission but no adjustment is made for socioeconomic status, even though a useful proxy for this (i.e., a secondary pay source of Medicaid) is available on the patient bill. 84% of Metropolitan's Medicare patients have Medicaid as a secondary pay source. Similarly, admission priority (elective vs. emergent) is associated with mortality risk and is available on the bill, but is not factored into HCFA's prediction model. 88% of our Medicare patients are admitted with an emergent priority.

October 21, 1988

The HCFA methodology also fails to consider that Metropolitan Hospital serves the community of East Harlem, which has an age-adjusted mortality rate that is 67% greater for all causes than the national average. The high risk nature of our population is especially evident in the severe acute heart disease category, which is the only category in which Metropolitan's actual rate exceeded HCFA's prediction. If a race adjustment had been done to reflect the difference between blacks and whites, Metropolitan's rate would have been within the predicted range.

The fact that Metropolitan Hospital's primary service area is at high risk particularly for heart disease was confirmed by an in-depth medical chart review of Medicare deaths. The review was performed by the President of the Medical Board, the Chairman of Quality Assurance, the Associate Director of Quality Assurance, the Director of Nursing and the Chief of Medicine. 83% of the patients arrived via ambulance and all patients were admitted with a poor prognosis. 59% had five or more secondary diagnosis with an average of 5.3 diagnoses per patient. 56% had a history of chronic heart disease and 47% expired within 24 hours of admission. The medical management of these patients was found to meet professional standards of care.

Metropolitan Hospital conducts a 100% review of all patient expirations on an on-going basis to insure that quality care is consistently rendered and monitored.

Sincerely,

Dennis A. Gowie
Executive Director

DAG:jr

cc: R. K. Stone, M.D., President of the Medical Board, MHC
S. Dhawan, Deputy Executive Director, MHC
B. Mansfield, Associate Director, Quality Assurance, MHC
S. Martin, Assistant Vice President, Medical Case Mix

MID-ISLAND HOSP

4295 HEMPSTEAD TPKE
BETHPAGE, NY 11714

Medicare Hospital Provider Number: 330332

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,868	13	11 - 16	1,844	12	11 - 16
Cancer	70	54	36 - 62	79	44	34 - 60
Cerebrovascular Accidents	79	18	19 - 37	84	35	18 - 40
Gastrointestinal Catastrophes	22	50	18 - 61	11	18	13 - 62
Infectious Disease	19	11	17 - 51	17	24	16 - 59
Metabolic/Electrolyte Disorders	40	27	9 - 42	29	28	14 - 50
Pulmonary Disease	104	22	18 - 37	110	18	17 - 35
Renal Failure	11	45	14 - 76	9	56	14 - 79
Severe Acute Heart Disease	92	46	27 - 49	97	43	29 - 51
Severe Chronic Heart Disease	118	23	15 - 32	119	29	17 - 35
Severe Trauma	1	100	1 - 97	1	0	1 - 97
Gastrointestinal Disease	153	0	2 - 5	153	1	1 - 6
Gynecologic Disease	16	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	239	3	2 - 7	220	2	2 - 7
Musculoskeletal/Skin Conditions	151	3	1 - 9	155	1	1 - 6
Neuropsychiatric/Sensory Disease	28	0	0 - 27	84	0	0 - 8
Urologic Disease	86	0	0 - 13	77	0	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	223
Occupancy Rate (%):	76
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MIDDLETOWN PSYCH CENTER M/S UNIT

141 MONHAGEN AVE
MIDDLETOWN, NY 10940

Medicare Hospital Provider Number: 330362

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	72	12	2 - 21	123	9	2 - 14
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	6	17	5 - 68	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	3	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	1	0	0 -100	9	22	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	21
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

Middletown Psychiatric Center

141 Monhagen Avenue, P.O. Box 1453
Middletown, New York 10940
(914) 342-5511

Jennifer Schaffer, Ph.D.
Executive Director

Raul H. Vispo, M.D.
Clinical Director

John Haas, C.S.W.
Community Services Director

James Gewirtzman, M.B.A.
Facility Administration Director

Angela Trunzo, R.N., M.A.
Quality Assurance Director

October 21, 1988

Health Standards and Quality
Bureau, HCFA
2-D-2 Meadows East Building
6225 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Dear Mrs. Kappert:

We have reviewed the information provided and found the mortality rate correct and the specific information essentially correct, with the few exceptions noted on the attached copy.

It should be noted that all patients admitted to Middletown Psychiatric Center's Medical Surgical Unit receive a medical diagnosis for the condition which necessitated their admission. Unfortunately, many of those diagnoses, during the time frame you are focusing on, were not entered into our automated data base. This fact accounts for the large number of people on your list with an unknown or unspecified diagnosis. Corrective actions have been taken and the data base should be more complete in the future.

It also should be noted that this Medical Surgical Unit does not perform any invasive medical procedures, but has a contract with a local general hospital for such services. Two of the patients listed actually died within 30 days of discharge while on leave from our hospital: one at a nursing home and one at an acute care hospital.

Very truly yours,

Jennifer Schaffer

Jennifer Schaffer, Ph.D.
EXECUTIVE DIRECTOR

JS/MPD/td/mjb

cc: Angela Trunzo, Director
Quality Assurance

A Facility of the New York State Office of Mental Health
An Equal Opportunity/Affirmative Action Employer

MILLARD FILLMORE HOSP

3 GATES CIRCLE
BUFFALO, NY 14209

Medicare Hospital Provider Number: 330118

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,492	12	10 - 14	5,277	11	10 - 13
Cancer	221	45	32 - 51	197	36	32 - 51
Cerebrovascular Accidents	208	21	19 - 32	201	24	19 - 33
Gastrointestinal Catastrophes	57	33	20 - 50	51	24	22 - 52
Infectious Disease	37	46	18 - 53	30	30	18 - 54
Metabolic/Electrolyte Disorders	107	27	16 - 40	63	21	12 - 38
Pulmonary Disease	236	26	18 - 33	258	23	18 - 33
Renal Failure	22	36	13 - 66	22	32	15 - 68
Severe Acute Heart Disease	270	33	29 - 44	219	42	30 - 46
Severe Chronic Heart Disease	266	25	16 - 28	262	20	16 - 29
Severe Trauma	10	30	8 - 64	6	17	5 - 70
Gastrointestinal Disease	416	3	2 - 6	392	4	2 - 7
Gynecologic Disease	63	0	0 - 99	57	0	0 - 94
Low-Risk Heart Disease	761	5	2 - 6	637	3	2 - 5
Musculoskeletal/Skin Conditions	464	3	1 - 5	432	3	1 - 6
Neuropsychiatric/Sensory Disease	256	1	2 - 6	384	2	1 - 5
Urologic Disease	222	1	0 - 6	196	2	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 629
Occupancy Rate (%): 86
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 260
Percent of Physicians Who Are Board Certified Specialists: 88
Interns and Residents: 91
Registered Nurses: 608
Licensed Practical Nurses: 94

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

MOHAWK VALLEY GEN HOSP

295 W MAIN ST
ILION, NY 13357

Medicare Hospital Provider Number: 330022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	827	14	9 - 15	851	15	9 - 15
Cancer	13	62	22 - 72	24	63	21 - 61
Cerebrovascular Accidents	39	33	17 - 47	43	30	14 - 43
Gastrointestinal Catastrophes	3	33	5 - 87	9	22	9 - 65
Infectious Disease	3	33	6 - 87	5	0	9 - 66
Metabolic/Electrolyte Disorders	7	43	6 - 72	3	33	0 - 93
Pulmonary Disease	44	25	16 - 44	38	26	14 - 44
Renal Failure	7	43	16 - 84	6	100	21 - 80
Severe Acute Heart Disease	27	63	26 - 63	35	49	26 - 60
Severe Chronic Heart Disease	68	26	14 - 36	60	37	13 - 39
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	87	3	1 - 12	89	6	0 - 17
Gynecologic Disease	12	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	106	5	1 - 13	108	2	1 - 9
Musculoskeletal/Skin Conditions	67	1	1 - 12	61	2	0 - 15
Neuropsychiatric/Sensory Disease	27	0	0 - 34	32	6	0 - 83
Urologic Disease	46	4	0 - 42	46	2	0 - 43

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	66
Occupancy Rate (%):	69
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	29
Percent of Physicians Who Are Board Certified Specialists:	55
Interns and Residents:	0
Registered Nurses:	66
Licensed Practical Nurses:	53

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MONTEFIORE MEDICAL CENTER

111 E 210TH ST
BRONX, NY 10467

Medicare Hospital Provider Number: 330059

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	8,962	11	12 - 16	9,086	12	12 - 16
Cancer	472	30	36 - 52	484	34	35 - 52
Cerebrovascular Accidents	275	21	23 - 35	316	15	22 - 33
Gastrointestinal Catastrophes	81	21	25 - 50	89	27	27 - 53
Infectious Disease	107	41	30 - 54	87	47	30 - 56
Metabolic/Electrolyte Disorders	95	27	16 - 41	98	22	15 - 39
Pulmonary Disease	453	31	23 - 37	427	32	23 - 37
Renal Failure	75	19	10 - 55	107	21	13 - 58
Severe Acute Heart Disease	333	29	34 - 48	390	31	36 - 49
Severe Chronic Heart Disease	364	20	20 - 31	374	17	21 - 31
Severe Trauma	17	24	16 - 60	11	18	9 - 60
Gastrointestinal Disease	508	4	2 - 7	496	4	2 - 7
Gynecologic Disease	53	0	0 - 99	45	0	0 - 37
Low-Risk Heart Disease	1,155	4	3 - 6	1,120	6	3 - 6
Musculoskeletal/Skin Conditions	607	4	1 - 6	517	3	2 - 6
Neuropsychiatric/Sensory Disease	611	1	1 - 5	695	1	1 - 5
Urologic Disease	438	1	1 - 5	408	2	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	1,256
Occupancy Rate (%):	84
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1,710
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

MOSES LUDINGTON HOSP

MONTCALM WICKER STS
TICONDEROGA, NY 12883

Medicare Hospital Provider Number: 330116

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	266	14	9 - 18	309	13	8 - 16
Cancer	3	67	11 - 92	7	57	18 - 81
Cerebrovascular Accidents	16	13	13 - 49	12	33	7 - 59
Gastrointestinal Catastrophes	1	100	0 - 98	0	-	-
Infectious Disease	4	0	7 - 72	1	0	1 - 97
Metabolic/Electrolyte Disorders	3	33	3 - 86	1	0	0 - 99
Pulmonary Disease	22	23	11 - 48	24	13	9 - 40
Renal Failure	1	100	2 - 98	0	-	-
Severe Acute Heart Disease	9	56	8 - 67	15	40	20 - 67
Severe Chronic Heart Disease	17	18	11 - 49	15	27	9 - 54
Severe Trauma	0	-	-	1	0	0 - 97
Gastrointestinal Disease	18	17	0 - 97	26	0	0 - 37
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	33	6	0 - 32	43	7	1 - 27
Musculoskeletal/Skin Conditions	22	0	0 - 30	35	0	0 - 20
Neuropsychiatric/Sensory Disease	12	0	0 - 97	15	7	0 - 98
Urologic Disease	8	13	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	52
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Moses-Ludington Hospital
Wicker Street
Ticonderoga, New York 1288
518-585-2831

September 26, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Moses-Ludington Hospital appreciates the opportunity to review the mortality information prior to public distribution.

As administrator of a rural facility, I do have a problem with only one case falling into diagnostic category, thereby sharing 100% mortality and a confusing statistic. Also, patient confidentiality is difficult to maintain in a region such as ours with only one case.

Sincerely,

Margaret Warden

Margaret Warden
Administrator

MW/nk

MOUNT SINAI HOSP

ONE GUSTAVE L LEVY PLACE
NEW YORK, NY 10029

Medicare Hospital Provider Number: 330024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,827	10	11 - 15	5,619	11	12 - 16
Cancer	440	27	36 - 52	443	31	35 - 52
Cerebrovascular Accidents	161	17	19 - 33	149	20	21 - 36
Gastrointestinal Catastrophes	49	27	23 - 53	58	22	19 - 48
Infectious Disease	81	47	27 - 54	57	46	27 - 57
Metabolic/Electrolyte Disorders	54	22	16 - 45	38	37	11 - 46
Pulmonary Disease	216	23	23 - 38	252	33	22 - 38
Renal Failure	21	14	8 - 58	38	18	14 - 62
Severe Acute Heart Disease	234	23	31 - 46	216	22	33 - 47
Severe Chronic Heart Disease	200	18	16 - 29	171	22	17 - 32
Severe Trauma	13	15	14 - 60	10	10	9 - 58
Gastrointestinal Disease	427	3	2 - 6	416	4	2 - 7
Gynecologic Disease	53	0	0 - 60	57	0	0 - 99
Low-Risk Heart Disease	626	4	2 - 6	599	3	2 - 6
Musculoskeletal/Skin Conditions	344	2	1 - 5	346	3	1 - 6
Neuropsychiatric/Sensory Disease	422	2	1 - 6	422	2	1 - 5
Urologic Disease	247	1	1 - 5	188	2	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 1,112
Occupancy Rate (%): 80
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 1,198
Percent of Physicians Who Are Board Certified Specialists: 95
Interns and Residents: 448
Registered Nurses: 1,426
Licensed Practical Nurses: 32

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: No

SUMMARY

Upon validation, The Mount Sinai Hospital found that data provided by HCFA for eleven (11) of the seventeen (17) diagnostic categories (listed below) were erroneous (see attached comparison table) relative to the number of patients who died in the Hospital and post-discharge.

Cancer
Cerebrovascular Accidents
Neuropsychiatric and Sensory Disease
Gastrointestinal Catastrophes
Urologic Disease
Low Risk Heart Disease
Severe Chronic Heart Disease
Severe Acute Heart Disease
Pulmonary Disease
Infectious Disease
All Other Diseases

Forty (40) cases were identified by HCFA as having expired post-discharge, when in fact they expired in the Hospital. Of these, twenty eight (28) had incorrect dates of death, five (5) had incorrect dates of discharge; and seven (7) had subsequent discharges in 1987, at which time the in-hospital death occured. Thus, in these last seven (7) cases, HCFA had incorrectly reported the patients' last discharges in 1987.

In addition:
Four (4) cases were identified by HCFA as having dates of death prior to dates of discharge.

Two (2) cases had incorrect dates of death/discharge. In one instance, the patient actually expired in 1986, and thus should not have been included.

Following are accurate 1987 Hospital Characteristics:

Beds (#) 1112
Occupancy Rate (%) 85
Ownership/Control: Private, Non-Profit

Staffing

Total number physicians: 1371
Percent physicians who are board certified specialists: 80
Interns and residents per bed: 0.46
Registered nurses per bed: 1.37
Licensed practical nurses per bed: .04

Speciality Services:

Shock/Trauma or Burn Unit: No
Coronary Care Unit: Yes
Organ Transplant Service: Yes
Hospice Care: No

MOUNT VERNON HOSP

12 N 7TH AVE
MOUNT VERNON, NY 10550

Medicare Hospital Provider Number: 330086

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,771	11	10 - 15	1,775	11	10 - 15
Cancer	59	41	28 - 56	60	32	30 - 57
Cerebrovascular Accidents	63	22	16 - 38	59	20	16 - 38
Gastrointestinal Catastrophes	18	39	18 - 63	22	32	21 - 63
Infectious Disease	22	45	18 - 60	18	44	17 - 63
Metabolic/Electrolyte Disorders	41	32	16 - 49	31	10	14 - 42
Pulmonary Disease	70	24	14 - 36	69	25	18 - 41
Renal Failure	7	57	13 - 82	7	43	15 - 84
Severe Acute Heart Disease	75	44	29 - 54	80	35	28 - 51
Severe Chronic Heart Disease	110	15	16 - 32	108	15	17 - 32
Severe Trauma	2	100	1 - 89	1	0	0 - 98
Gastrointestinal Disease	105	0	2 - 6	119	1	2 - 7
Gynecologic Disease	6	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	260	2	2 - 6	272	3	2 - 7
Musculoskeletal/Skin Conditions	171	2	1 - 7	171	6	1 - 11
Neuropsychiatric/Sensory Disease	99	2	0 - 11	94	1	0 - 9
Urologic Disease	58	2	0 - 18	60	0	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	223
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	35
Registered Nurses:	228
Licensed Practical Nurses:	50

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MT ST MARY S HOSP

5300 MILITARY RD
LEWISTON, NY 14092

Medicare Hospital Provider Number: 330188

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,518	10	9 - 14	1,296	9	9 - 13
Cancer	42	38	27 - 59	33	45	26 - 61
Cerebrovascular Accidents	48	33	14 - 41	46	28	16 - 43
Gastrointestinal Catastrophes	15	27	15 - 61	14	29	23 - 71
Infectious Disease	6	17	7 - 70	23	9	21 - 52
Metabolic/Electrolyte Disorders	50	18	13 - 41	21	19	8 - 47
Pulmonary Disease	78	27	18 - 40	66	9	14 - 32
Renal Failure	7	57	10 - 79	5	60	11 - 86
Severe Acute Heart Disease	60	35	28 - 54	41	46	23 - 54
Severe Chronic Heart Disease	90	31	16 - 36	55	18	13 - 35
Severe Trauma	3	33	6 - 87	1	0	2 - 97
Gastrointestinal Disease	125	2	1 - 8	117	5	1 - 12
Gynecologic Disease	13	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	190	2	1 - 6	176	4	1 - 9
Musculoskeletal/Skin Conditions	177	1	1 - 6	141	1	1 - 6
Neuropsychiatric/Sensory Disease	58	0	0 - 11	44	2	0 - 52
Urologic Disease	78	1	0 - 24	71	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	179
Occupancy Rate (%):	60
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	130
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	133
Licensed Practical Nurses:	15

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MYERS COMMUNITY HOSP

MIDDLE RD P.O.BOX 310
SODUS, NY 14551

Medicare Hospital Provider Number: 330254

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	559	9	9 - 15	498	12	10 - 16
Cancer	6	50	16 - 83	14	43	27 - 76
Cerebrovascular Accidents	21	24	11 - 49	23	13	13 - 44
Gastrointestinal Catastrophes	2	50	3 - 92	4	25	6 - 80
Infectious Disease	1	100	3 - 99	3	33	1 - 87
Metabolic/Electrolyte Disorders	17	12	9 - 47	17	12	7 - 45
Pulmonary Disease	32	22	15 - 45	28	25	11 - 45
Renal Failure	1	100	3 - 99	1	100	1 - 97
Severe Acute Heart Disease	27	22	24 - 57	21	33	20 - 60
Severe Chronic Heart Disease	30	17	12 - 40	38	16	13 - 38
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	43	0	1 - 12	39	5	0 - 41
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	102	3	1 - 10	74	5	1 - 16
Musculoskeletal/Skin Conditions	34	0	1 - 15	34	9	1 - 32
Neuropsychiatric/Sensory Disease	6	0	0 -100	6	0	0 - 87
Urologic Disease	29	3	0 - 50	31	0	0 - 49

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	74
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	27
Percent of Physicians Who Are Board Certified Specialists:	89
Interns and Residents:	0
Registered Nurses:	35
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Myers Community Hospital

Middle Road • P.O. Box 310 • Sodus, New York 14551-0310 • 315-483-9161

October 19,1988

HCFA
Ms. S. Kappert
2-d-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland
21207

Dear Ms. Kappart;

I wish to forward my interpretation of the mortality data, however I do not feel that my findings need be published.

The mortality statistical data appears accurate as compared to our data, However there is one area which is questionable. For the calendar year 1987, your data indicated that there were 559 (all cases), actual mortality rate 9%, meaning that there were a total number of 50 cases. Your data only totaled 355 (all cases), 3% actual mortality rate, totaling 43 cases. In order to account for the 7 remaining cases, I made the assumption that there should be an "other" category in which the remaining 204 cases fall. These unaccountable cases would have an actual mortality rate of 3% totaling 7 additional cases, added to your data of 43 cases, totaling 50.

For the calendar year 1987 and 1986 there were 3 cases in the diagnostic categories of infectious disease, and renal failure which revealed a 100% mortality rate. This rate can be attributed to the fact that there is only one case in each instance, which is representative of the total sample.

Please feel free to call me at any time if you have questions regarding my response.

sincerely;

DawnMarie Connelly, RN
Director of Quality Assurance

NASSAU CO MED CTR

2201 HEMPSTEAD TNPK
EAST MEADOW, NY 11554

Medicare Hospital Provider Number: 330027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,052	21	12 - 16	2,075	24	12 - 17
Cancer	47	53	31 - 61	59	51	29 - 57
Cerebrovascular Accidents	81	37	16 - 38	82	35	17 - 39
Gastrointestinal Catastrophes	22	55	13 - 56	23	52	13 - 55
Infectious Disease	51	61	21 - 51	66	53	23 - 52
Metabolic/Electrolyte Disorders	33	45	11 - 49	16	44	4 - 56
Pulmonary Disease	193	50	19 - 36	262	51	22 - 38
Renal Failure	18	61	14 - 69	14	50	13 - 73
Severe Acute Heart Disease	99	38	29 - 51	94	34	31 - 52
Severe Chronic Heart Disease	112	26	15 - 32	92	26	15 - 34
Severe Trauma	13	54	11 - 64	15	33	8 - 59
Gastrointestinal Disease	83	7	1 - 18	79	8	0 - 22
Gynecologic Disease	9	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	270	7	1 - 9	251	7	1 - 9
Musculoskeletal/Skin Conditions	137	7	0 - 15	142	8	0 - 20
Neuropsychiatric/Sensory Disease	106	8	0 - 27	118	6	0 - 21
Urologic Disease	40	5	0 - 67	39	8	0 - 70

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 615
Occupancy Rate (%): 83
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 556
Percent of Physicians Who Are Board Certified Specialists: 73
Interns and Residents: 270
Registered Nurses: 553
Licensed Practical Nurses: 123

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

NASSAU COUNTY MEDICAL CENTER
2201 HEMPSTEAD TURNPIKE • EAST MEADOW, N.Y. 11554 • 516 542-0123

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EXECUTIVE DIRECTOR

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21202

Medicare Provider #330027

Dear Mrs. Kappert:

In responding to the HCFA Mortality Report for the calendar year 1987, it is important to first correct some glaring errors in the hospital characteristics indicated by HCFA:

o HCFA describes the hospital as a 323 bed facility. In fact, the Nassau County Medical Center is a 615 bed facility.

o HCFA states that the hospital does not have a CCU. In fact, the hospital has an extremely active 12 bed CCU.

o HCFA states that the hospital has 439 attending physicians. In fact, the number of attending physicians is 832.

o HCFA states that 66% of the hospital's specialists are board certified. In fact, 73% are board certified.

o HCFA states the ratio of RNs to beds is 1.86. In fact the ratio is .91.

Review of the HCFA mortality statistics for 1987 suggests concern in two of the 16 specific diagnostic categories, i.e. pulmonary disease and infectious disease. In fact, the apparent higher than predicted mortality rate in the all-causes category is directly attributable to the flaw in the methodology used in establishing the expected ranges. This is best illustrated by the results of a focused review of the deaths in the pulmonary and infectious disease categories.

Each of the 127 deaths, which comprise the combined total number of deaths in the pulmonary and infectious disease categories, was reviewed in detail to determine the appropriateness of treatment and the severity of illness, which although HCFA admits was not taken into account in the report, is a major factor in determing the expectancy of death. The following factors, which were identified in our review of these deaths, vividly portray the severe flaws in both HCFA's methodology and in the basis for the conclusions implied in the report. These concerns are consistent with those contained in the critique of the 1987 HCFA Mortality Study published by the New York State Department of Health, Office of Health Systems Management:

o 46% or 58 cases of the total 127 deaths in the pulmonary and infectious disease categories had DNR (Do Not Resuscitate) orders at the request of the patient's family. In addition, DNR status is commonly associated with refusal by family members to allow recommended diagnostic and therapeutic procedures. It is incomprehensible how a factor of such critical importance as DNR status, which is reflective of a large patient population at Nassau County Medical Center who are terminally ill and whose death is imminent, is not at all addressed in the report.

- 31% or 39 of the 127 deaths in the pulmonary and infectious disease categories died within 48 hours of admission, while 21% or 27 patients died within 24 hours of admission. These statistics again support the high degree of severity of illness which is not addressed in the HCFA methodology.

- HCFA states that in establishing the predicted range of mortality it has factored in up to 4 of 8 comorbid conditions. Out of the 127 infectious disease and pulmonary cases reviewed, 82% or 104 cases had in excess of 4 comorbid conditions with an average of 8.8 comorbid conditions per case. Again, an overwhelmingly critical factor which identifies such a high degree of severity of illness at Nassau County Medical Center, has not been accounted for by HCFA.

- 73% or 70 cases of the 96 pulmonary disease deaths and 74% or 23 cases of the 31 infectious disease deaths were transferrred from a chronic care facility as opposed to from home.

  With respect to patients with pneumonia (principle diagnosis in pulmonary disease category) the findings of the study conducted by Garb et al, Etiology of Pneumonias, JAMA, 11/10/78, Vol. 240 No. 20, Pg. 2171, conclude that patients entering the hospital from a source other than the home results in a two times greater expected mortality rate than if the patient were to come from home. This factor, which represents a large portion of the pulmonary deaths and is directly related to severity of illness, is not accounted for in the HCFA report.

  In regard to the infectious disease cases, over 50% of the patients referred from a chronic care facility had received unsuccessful treatment with antimicrobials for several days prior to their arrival at the hospital and arrived in a severely compromised state. This factor, directly related to the severity of illness, is not addressed in the report.

- The average age of the mortalities in the pulmonary and infectious disease categories is 85.2 years which is at the high end of the Medicare age distribution scale. Although the study claims that age has been considered in establishing the predicted mortality range, the interaction effect of this higher age population coupled with the severity of illness factor, not addressed in the HCFA report, represents a serious flaw in the methodology pertaining to the accuracy of the established ranges for predicted mortality.

In conclusion, our detailed review of the 127 pulomonary and infectious disease mortalities and the identification of the number of specific critical factors mentioned above effecting predicted mortality, which HCFA itself has admitted not accounting for in the report, confirms not only the serious flaws in the methodology used by HCFA, but also confirms the quality of professional care being provided at the Nassau County Medical Center. It is inconceivable how HCFA can knowingly publish a report with such flawed methodology recognizing that the public has and will continue to draw totally unfounded negative conclusions concerning the quality of care provided by hospitals.

Very truly yours,

Tracy E. Strevey Jr. M.D.

Tracy E. Strevey, Jr., M.D.
Executive Director

TES/DEJ:jr

cc: C. Patricia Meyers

2914F

NATHAN LITTAUER HOSP

99 E STATE ST
GLOVERSVILLE, NY 12078

Medicare Hospital Provider Number: 330276

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	985	11	10 - 15	1,019	12	8 - 14
Cancer	51	43	26 - 55	34	62	27 - 62
Cerebrovascular Accidents	44	20	16 - 41	42	31	16 - 45
Gastrointestinal Catastrophes	9	11	11 - 61	7	29	8 - 71
Infectious Disease	11	27	12 - 64	2	50	1 - 92
Metabolic/Electrolyte Disorders	25	28	8 - 47	22	18	5 - 44
Pulmonary Disease	38	18	12 - 39	42	26	12 - 40
Renal Failure	4	50	16 - 96	0	-	-
Severe Acute Heart Disease	49	41	26 - 54	64	42	24 - 50
Severe Chronic Heart Disease	40	17	13 - 38	30	17	11 - 39
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	77	0	1 - 8	105	5	0 - 14
Gynecologic Disease	25	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	99	4	1 - 12	106	1	1 - 7
Musculoskeletal/Skin Conditions	96	1	1 - 9	129	2	1 - 8
Neuropsychiatric/Sensory Disease	26	8	0 - 92	14	0	0 - 88
Urologic Disease	53	2	0 - 33	64	2	0 - 46

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 124
Occupancy Rate (%): 65
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 47
Percent of Physicians Who Are Board Certified Specialists: 55
Interns and Residents: 0
Registered Nurses: 79
Licensed Practical Nurses: 28

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

NEW ROCHELLE HOSP MEDICAL CENTER

16 GUION PLACE
NEW ROCHELLE, NY 10802

Medicare Hospital Provider Number: 330184

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,242	12	11 - 15	3,002	12	11 - 16
Cancer	129	29	31 - 52	131	37	31 - 53
Cerebrovascular Accidents	152	21	21 - 36	154	25	21 - 37
Gastrointestinal Catastrophes	31	26	21 - 56	23	17	15 - 51
Infectious Disease	44	43	24 - 56	36	47	22 - 58
Metabolic/Electrolyte Disorders	66	24	16 - 43	58	38	15 - 45
Pulmonary Disease	159	28	18 - 36	165	25	21 - 38
Renal Failure	15	67	18 - 75	9	44	11 - 76
Severe Acute Heart Disease	116	37	32 - 52	120	38	33 - 52
Severe Chronic Heart Disease	184	27	17 - 31	151	24	18 - 33
Severe Trauma	5	20	4 - 75	10	40	11 - 69
Gastrointestinal Disease	196	4	1 - 8	224	7	1 - 9
Gynecologic Disease	24	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	426	3	2 - 6	368	2	2 - 6
Musculoskeletal/Skin Conditions	250	5	1 - 8	224	1	1 - 6
Neuropsychiatric/Sensory Disease	154	1	1 - 6	190	1	1 - 6
Urologic Disease	193	3	1 - 8	162	1	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 311
Occupancy Rate (%): 88
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 214
Percent of Physicians Who Are Board Certified Specialists: 71
Interns and Residents: 44
Registered Nurses: 275
Licensed Practical Nurses: 32

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

Medicare Provider #330184

New Rochelle Hospital Medical Center
16 GUION PLACE, NEW ROCHELLE, NEW YORK 10802 · 914 632-5000

October 21, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Sandra Kappert

Dear Ms. Kappert:

This is in response to Dr. William L. Roper's report dated September 15, 1988, regarding New Rochelle Hospital Medical Center's mortality data for 1987.

To begin, we would like to take this opportunity to mention that New Rochelle Hospital Medical Center is proud of its long standing commitment to outstanding medical care to the community. Recognition of this is exemplified by its continued accreditation by the Joint Commission on Accreditation of Healthcare Organizations, the approval by the Liaison Committee on Graduate Medical Education of the AMA for providing undergraduate and post graduate educational programs, and by the American College of Surgeons' certification as a comprehensive clinical cancer program.

New Rochelle Hospital Medical Center is an acute care facility licensed by the State of New York, that regularly admits over 45% of its patients through the Emergency Room. In the recent Health Care Financing Administration (HCFA) mortality study, our analysis of the cited mortalities revealed that 74% of these patients were admitted on an emergency status, and 24% were in fact transfers from local long term care facilities. Moreover, 90% of these mortalities died in our facility, thus underscoring the high severity of illness among these patients.

A review of the HCFA mortality study for 1987 reveals New Rochelle Hospital Medical Center was within the predicted range of mortalities for all 17 categories that the agency examined. Also, in 11 of the categories, performance was the same or improved compared to that of 1986.

Our analysis of the data revealed that HCFA's classification of patient cases into 17 categories was, for the most part, correct. However, upon reviewing the information, date of death errors appear to be the most prevalent inaccuracies throughout the patient specific cases. Attachment I lists verified information by diagnostic category to be corrected in the HCFA data base. In addition to these corrections, please note that the 1986 AHA hospital characteristics listed in your report were also in error. Therefore, please refer to Attachment II for corrected references.

New Rochelle Hospital Medical Center continues to operate an established quality assurance program. The program requires the review of all mortalities, as well as a broad range of quality issues, and serves as an ongoing monitor to insure the continued provision of the extremely high quality medical care which is available at our hospital.

As mentioned in last year's response, we believe that in assessing the overall value of this study one must consider the ideological concept, yet to be proven, that mortality in itself relates to underlying quality issues. In fact, HCFA itself states "...that the mortality information by itself is not a complete measure of the quality of care at an individual hospital."

Lastly, we compliment HCFA's continued efforts to refine these mortality data and strive to acquire information that truly reflects quality patient care.

Sincerely,

John N. Kastanis

John N. Kastanis
Vice President - Operating Officer

JNK:mc

CC: John R. Spicer, President
William McCann, M.D., Director - Quality Assurance
Ruth Kitchen, Director - Public Relations
Rhonda Ruiz, Director - Medical Information Services
Sue Klecatsky, Coordinator - Quality Assurance
Elizabeth McArdle, Assistant Director - Discharge Planning

NEW YORK EYE AND EAR INFIRMARY

310 E 14TH ST
NEW YORK, NY 10003

Medicare Hospital Provider Number: 330100

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,375	0	1 - 5	3,486	0	1 - 5
Cancer	7	0	14 - 60	3	33	3 - 86
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	0 -100
Pulmonary Disease	1	0	0 -100	1	0	1 - 97
Renal Failure	1	0	1 - 97	0	-	-
Severe Acute Heart Disease	1	0	0 - 97	0	-	-
Severe Chronic Heart Disease	0	-	-	3	0	1 - 84
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	0	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	32	0	0 - 21	37	0	0 - 42
Neuropsychiatric/Sensory Disease	3,067	0	1 - 5	3,185	0	1 - 4
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	147
Occupancy Rate (%):	53
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	587
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	32
Registered Nurses:	108
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK HOSP

525 E 68TH ST
NEW YORK, NY 10021

Medicare Hospital Provider Number: 330101

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,723	8	10 - 13	5,932	7	9 - 12
Cancer	341	26	33 - 50	305	27	31 - 49
Cerebrovascular Accidents	162	25	20 - 35	151	19	20 - 34
Gastrointestinal Catastrophes	60	30	23 - 52	50	14	20 - 47
Infectious Disease	56	36	23 - 52	67	39	25 - 53
Metabolic/Electrolyte Disorders	49	14	14 - 41	39	18	10 - 40
Pulmonary Disease	185	18	18 - 34	184	22	20 - 36
Renal Failure	32	9	3 - 54	48	13	4 - 54
Severe Acute Heart Disease	183	25	31 - 47	163	22	31 - 47
Severe Chronic Heart Disease	168	18	16 - 30	155	23	16 - 31
Severe Trauma	13	8	13 - 54	13	38	10 - 63
Gastrointestinal Disease	385	2	1 - 5	422	1	1 - 5
Gynecologic Disease	64	0	0 - 99	94	0	0 - 38
Low-Risk Heart Disease	696	5	2 - 6	639	5	2 - 6
Musculoskeletal/Skin Conditions	283	2	1 - 6	287	1	1 - 5
Neuropsychiatric/Sensory Disease	648	1	1 - 5	675	0	1 - 4
Urologic Disease	413	1	0 - 5	436	1	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	1,096
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	464
Registered Nurses:	1,379
Licensed Practical Nurses:	42

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

NEW YORK INF BEEKMAN DWTN

170 WILLIAM ST
NEW YORK, NY 10038

Medicare Hospital Provider Number: 330064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,920	12	12 - 16	1,754	13	12 - 16
Cancer	90	38	32 - 56	66	39	30 - 57
Cerebrovascular Accidents	103	22	18 - 36	106	19	17 - 34
Gastrointestinal Catastrophes	12	50	14 - 67	17	29	14 - 59
Infectious Disease	26	42	24 - 63	17	47	16 - 63
Metabolic/Electrolyte Disorders	40	17	13 - 43	44	27	10 - 42
Pulmonary Disease	145	26	21 - 39	146	32	18 - 37
Renal Failure	14	21	17 - 72	14	29	15 - 73
Severe Acute Heart Disease	63	35	28 - 53	80	36	29 - 52
Severe Chronic Heart Disease	101	20	15 - 32	70	20	15 - 35
Severe Trauma	3	33	4 - 86	4	0	3 - 72
Gastrointestinal Disease	130	2	2 - 9	97	1	1 - 8
Gynecologic Disease	8	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	234	3	2 - 7	203	3	2 - 7
Musculoskeletal/Skin Conditions	162	2	1 - 7	122	2	1 - 9
Neuropsychiatric/Sensory Disease	81	1	1 - 10	53	4	0 - 22
Urologic Disease	99	3	0 - 16	81	1	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	300
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	17
Interns and Residents:	52
Registered Nurses:	235
Licensed Practical Nurses:	34

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEWARK WAYNE COMM HOSP

DRIVING PARK AVE
NEWARK, NY 14513

Medicare Hospital Provider Number: 330030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,027	10	10 - 15	1,162	11	10 - 15
Cancer	24	46	27 - 66	30	27	25 - 59
Cerebrovascular Accidents	31	19	15 - 44	50	22	16 - 40
Gastrointestinal Catastrophes	10	30	17 - 72	14	14	14 - 57
Infectious Disease	7	14	14 - 70	6	0	16 - 67
Metabolic/Electrolyte Disorders	27	11	10 - 41	13	31	6 - 58
Pulmonary Disease	84	17	15 - 34	118	23	13 - 32
Renal Failure	6	0	8 - 67	4	50	7 - 86
Severe Acute Heart Disease	36	28	27 - 58	59	34	26 - 51
Severe Chronic Heart Disease	61	26	17 - 40	64	16	18 - 38
Severe Trauma	3	0	3 - 80	1	0	0 - 99
Gastrointestinal Disease	101	4	0 - 14	105	3	1 - 10
Gynecologic Disease	7	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	115	6	1 - 12	110	4	1 - 11
Musculoskeletal/Skin Conditions	90	3	0 - 17	98	0	1 - 6
Neuropsychiatric/Sensory Disease	35	6	0 - 54	57	2	0 - 17
Urologic Disease	58	0	0 - 12	54	6	0 - 30

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	164
Occupancy Rate (%):	74
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	49
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	106
Licensed Practical Nurses:	55

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NIAGARA FALLS MEMORIAL MEDICAL CENTE

621 10TH ST
NIAGARA FALLS, NY 14302

Medicare Hospital Provider Number: 330065

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,034	13	10 - 15	1,953	12	11 - 15
Cancer	70	44	32 - 59	101	48	35 - 58
Cerebrovascular Accidents	91	36	19 - 40	79	19	19 - 39
Gastrointestinal Catastrophes	24	13	16 - 49	18	33	11 - 56
Infectious Disease	29	41	16 - 54	24	42	19 - 60
Metabolic/Electrolyte Disorders	75	21	18 - 44	67	16	13 - 39
Pulmonary Disease	103	31	15 - 36	82	22	14 - 35
Renal Failure	10	90	19 - 74	12	17	16 - 72
Severe Acute Heart Disease	80	49	28 - 52	98	42	27 - 48
Severe Chronic Heart Disease	86	22	13 - 32	92	30	13 - 34
Severe Trauma	5	40	6 - 78	3	67	3 - 86
Gastrointestinal Disease	146	4	1 - 10	133	2	1 - 8
Gynecologic Disease	18	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	244	2	2 - 6	233	3	1 - 7
Musculoskeletal/Skin Conditions	177	2	1 - 7	150	3	1 - 9
Neuropsychiatric/Sensory Disease	115	1	1 - 8	140	1	1 - 6
Urologic Disease	96	3	0 - 24	75	3	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	288
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	136
Percent of Physicians Who Are Board Certified Specialists:	59
Interns and Residents:	13
Registered Nurses:	185
Licensed Practical Nurses:	68

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NICHOLAS NOYES MEMORIAL HOSP

111 SOUTH CLARA BARTON ST
DANSVILLE, NY 14437

Medicare Hospital Provider Number: 330238

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	864	10	10 - 15	831	13	11 - 16
Cancer	25	56	26 - 65	32	53	27 - 63
Cerebrovascular Accidents	36	19	16 - 43	41	37	14 - 44
Gastrointestinal Catastrophes	7	14	10 - 67	8	50	19 - 80
Infectious Disease	13	8	13 - 51	6	17	5 - 69
Metabolic/Electrolyte Disorders	13	15	3 - 53	7	29	9 - 72
Pulmonary Disease	61	21	15 - 38	59	22	15 - 39
Renal Failure	2	50	6 - 96	3	67	9 - 92
Severe Acute Heart Disease	46	26	26 - 53	44	39	27 - 57
Severe Chronic Heart Disease	51	20	14 - 38	41	20	13 - 39
Severe Trauma	0	-	-	1	100	0 - 98
Gastrointestinal Disease	78	4	1 - 14	83	4	0 - 14
Gynecologic Disease	10	0	0 -100	12	0	0 - 94
Low-Risk Heart Disease	90	2	1 - 11	73	3	0 - 14
Musculoskeletal/Skin Conditions	79	4	1 - 15	66	3	1 - 14
Neuropsychiatric/Sensory Disease	34	0	0 - 30	43	0	0 - 24
Urologic Disease	27	0	0 - 89	33	0	0 - 23

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 85
Occupancy Rate (%): 72
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 28
Percent of Physicians Who Are Board Certified Specialists: 61
Interns and Residents: 0
Registered Nurses: 75
Licensed Practical Nurses: 30

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

NORTH CENTRAL BRONX HOSP

3424 KOSSUTH AVE
BRONX, NY 10467

Medicare Hospital Provider Number: 330385

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	980	18	12 - 18	963	20	12 - 18
Cancer	20	55	21 - 64	22	36	18 - 59
Cerebrovascular Accidents	58	36	14 - 40	59	37	15 - 40
Gastrointestinal Catastrophes	18	56	17 - 63	15	53	11 - 61
Infectious Disease	24	42	16 - 57	21	62	23 - 65
Metabolic/Electrolyte Disorders	30	20	7 - 42	23	17	6 - 44
Pulmonary Disease	89	30	17 - 39	77	31	14 - 37
Renal Failure	2	50	7 - 97	1	100	3 - 98
Severe Acute Heart Disease	68	34	28 - 53	81	52	30 - 54
Severe Chronic Heart Disease	54	26	12 - 36	51	25	14 - 39
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	28	4	0 - 37	39	8	0 - 72
Gynecologic Disease	4	0	0 -100	6	17	0 -100
Low-Risk Heart Disease	103	4	1 - 11	94	3	1 - 12
Musculoskeletal/Skin Conditions	79	3	0 - 16	49	0	0 - 19
Neuropsychiatric/Sensory Disease	31	6	0 - 60	36	3	0 - 44
Urologic Disease	8	0	0 -100	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	345
Occupancy Rate (%):	84
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	301
Percent of Physicians Who Are Board Certified Specialists:	42
Interns and Residents:	116
Registered Nurses:	379
Licensed Practical Nurses:	52

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK CITY HEALTH AND HOSPITALS CORPORATION
NORTH CENTRAL BRONX HOSPITAL
3424 KOSSUTH AVENUE
BRONX, NEW YORK 10467
TEL.: (212) 519-3500

OFFICE OF THE EXECUTIVE DIRECTOR

Medicare Provider No. 330385

North Central Bronx Hospital (NCB) has reviewed the Medicare mortality data provided by the Health Care Financing Administration (HCFA). While the 1987 statistics for NCB fell within the range of predicted mortality rates for all causes and for each of the sixteen diagnostic categories, we still have reservations about the validity of the model and question the assignment of mortality risk without addressing the severity of patient illness at admission.

The basis problem with HCFA's prediction model is that it attempts to predict a hospital's death rate based on the very limited data available on the Medicare bills of patients that had their last calendar year 1987 admission in that hospital. Omitted from consideration are: 1) the full range of clinical data describing the patient's condition upon admission that are not available on the bill; 2) several significant variables like patient race and admission source that are available on the bill; and 3) any "credit" for having successfully treated and discharged patients who are later hospitalized in another facility.

Specifically, although national statistics indicate that blacks have substantially higher mortality rates for many diseases targeted in HCFA's model, there is no adjustment for patient race. 20% of NCB's Medicare patients are black. We also know that the poor elderly are generally in poorer overall health and have less access to primary care, but no adjustment is made for socioeconomic status, even though a useful proxy for this (i.e., a secondary pay source of Medicaid) is available on the patient bill. 58% of NCB's Medicare patients have Medicaid as a secondary pay source. Similarly, admission priority (elective vs. emergent) is associated with mortality risk and is available on the bill, but is not factored into HCFA's model. 91% of NCB's Medicare cases are admitted through the ER as emergency priorities. Furthermore, 30% of NCB's Medicare patients have subsequent admissions to other hospitals and are therefore excluded in HCFA's calculations of NCB's mortality rate.

We will continue the ongoing review of records, including 100% review of inpatient deaths as part of our comprehensive Quality Assurance Program. NCB's comprehensive mortality review process uses criteria against which all medical records of patient deaths are reviewed. This process has reinforced our understanding of the high risk characteristics of our patient population and is useful in our ongoing monitoring of the standards of patient care.

NORTH GENERAL HOSP

1919 MADISON AVE
NEW YORK, NY 10035

Medicare Hospital Provider Number: 330390

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	536	8	9 - 15	532	11	10 - 17
Cancer	25	52	24 - 63	21	38	25 - 66
Cerebrovascular Accidents	16	6	11 - 43	24	29	15 - 51
Gastrointestinal Catastrophes	3	33	7 - 88	7	14	15 - 72
Infectious Disease	11	27	17 - 69	19	47	18 - 63
Metabolic/Electrolyte Disorders	7	0	9 - 56	3	67	8 - 89
Pulmonary Disease	16	19	13 - 53	31	29	20 - 53
Renal Failure	3	0	5 - 81	2	0	11 - 97
Severe Acute Heart Disease	15	20	26 - 67	8	25	11 - 68
Severe Chronic Heart Disease	29	0	12 - 27	16	6	10 - 42
Severe Trauma	0	-	-	1	100	0 - 98
Gastrointestinal Disease	30	0	0 - 20	27	4	0 - 39
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	42	0	1 - 13	37	0	0 - 17
Musculoskeletal/Skin Conditions	52	2	0 - 40	63	0	1 - 9
Neuropsychiatric/Sensory Disease	51	0	0 - 18	38	0	0 - 34
Urologic Disease	14	7	0 - 72	11	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	190
Occupancy Rate (%):	91
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	131
Percent of Physicians Who Are Board Certified Specialists:	57
Interns and Residents:	32
Registered Nurses:	107
Licensed Practical Nurses:	46

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

North General Hospital

1919 Madison Avenue, New York 10035 (212) 650-4000

Medicare Provider No: 330390

October 24, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to review the HCFA Mortality Study Data.

We have serious concerns about the descriptive data labeled "Hospital Characteristics". These concerns include: -

1. "Beds" is listed as 118. This is the number of Med/Surg beds, not the total hospital complement. Consequently, any use of this data in the calculation of ratios would be misleading.

2. "Occupancy Rate" has increased since 1986 (probably true for most, if not all, New York City hospitals).

3. With regards to "Staffing", this number can be extremely misleading since the inclusion and exclusion of voluntary physicians is not clear. For example, the number shown for our hospital is 109 which is neither the full-time staff (45) nor the full-time voluntary staff (213). In addition, it is not clear whether Laboratory and Ancillary Department physicians, e.g. Anesthesia are included.

4. With regards to "Nursing Staffing", the data is incorrect but is unclear whether it is because of the incorrect bed count, or the incorrect RN count, or both. Additionally, as you know, due to the general nursing shortage, the nursing complement has been supplemented with per diem and agency nurses which may or may not show in the hospital data.

5. With regards to "Specialty Services", North General Hospital does have a Coronary Care Unit and is a certified Heart Care Station. This error may be due to the age of the source data.

Overall, we would suggest that the institutional data is prone to error and misinterpretation.

I hope you find these comments helpful.

Sincerely,

RC:ns

Ray Cornbill
Executive Vice President

NORTH SHORE UNIV HOSP

300 COMMUNITY DRIVE
MANHASSET, NY 11030

Medicare Hospital Provider Number: 330106

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,241	11	12 - 16	4,893	11	11 - 15
Cancer	402	29	32 - 49	443	36	34 - 51
Cerebrovascular Accidents	182	20	19 - 33	175	19	20 - 35
Gastrointestinal Catastrophes	41	12	21 - 49	35	29	20 - 54
Infectious Disease	86	42	26 - 51	57	44	29 - 59
Metabolic/Electrolyte Disorders	43	47	24 - 58	41	24	12 - 43
Pulmonary Disease	185	31	22 - 39	162	28	22 - 39
Renal Failure	42	29	15 - 62	35	34	13 - 63
Severe Acute Heart Disease	254	40	32 - 47	173	43	31 - 48
Severe Chronic Heart Disease	170	22	16 - 31	155	21	17 - 32
Severe Trauma	8	0	13 - 57	8	13	10 - 64
Gastrointestinal Disease	340	2	1 - 6	368	1	2 - 5
Gynecologic Disease	71	0	0 - 27	70	1	0 - 99
Low-Risk Heart Disease	655	3	2 - 5	659	3	2 - 6
Musculoskeletal/Skin Conditions	361	3	1 - 6	291	2	1 - 6
Neuropsychiatric/Sensory Disease	174	2	1 - 7	176	1	1 - 6
Urologic Disease	300	0	0 - 5	297	2	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	644
Occupancy Rate (%):	99
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	861
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	261
Registered Nurses:	1,211
Licensed Practical Nurses:	29

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTHERN DUTCHESS HOSP

SPRINGBROOK AVE
RHINEBECK, NY 12572

Medicare Hospital Provider Number: 330049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	673	15	11 - 17	664	15	12 - 18
Cancer	24	38	24 - 63	23	78	31 - 67
Cerebrovascular Accidents	32	16	16 - 43	28	25	15 - 48
Gastrointestinal Catastrophes	3	33	4 - 86	8	25	8 - 67
Infectious Disease	15	33	12 - 59	15	40	21 - 70
Metabolic/Electrolyte Disorders	7	29	3 - 70	8	0	5 - 50
Pulmonary Disease	43	30	13 - 42	41	29	16 - 46
Renal Failure	1	100	1 - 97	3	33	3 - 87
Severe Acute Heart Disease	29	41	23 - 59	39	31	23 - 53
Severe Chronic Heart Disease	35	31	11 - 42	34	24	13 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	76	8	1 - 19	63	6	1 - 18
Gynecologic Disease	6	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	70	4	1 - 14	67	1	2 - 11
Musculoskeletal/Skin Conditions	51	10	1 - 24	34	6	0 - 35
Neuropsychiatric/Sensory Disease	12	0	0 - 61	22	9	0 - 95
Urologic Disease	42	2	0 - 71	35	6	0 - 49

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 121
Occupancy Rate (%): 86
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 32
Percent of Physicians Who Are Board Certified Specialists: 69
Interns and Residents: 0
Registered Nurses: 65
Licensed Practical Nurses: 14

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

NORTHERN WESTCHESTER HOSP

380 MAIN ST
MOUNT KISCO, NY 10549

Medicare Hospital Provider Number: 330162

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,078	11	11 - 16	1,897	10	11 - 16
Cancer	127	32	32 - 53	117	35	32 - 54
Cerebrovascular Accidents	102	21	20 - 37	79	20	21 - 41
Gastrointestinal Catastrophes	26	23	23 - 59	25	44	20 - 60
Infectious Disease	26	31	21 - 59	17	12	18 - 55
Metabolic/Electrolyte Disorders	45	22	12 - 42	43	14	13 - 41
Pulmonary Disease	96	22	16 - 35	92	16	18 - 37
Renal Failure	6	50	12 - 83	8	50	16 - 83
Severe Acute Heart Disease	70	31	25 - 48	66	35	26 - 50
Severe Chronic Heart Disease	112	22	15 - 32	91	18	16 - 34
Severe Trauma	9	11	10 - 61	4	25	3 - 80
Gastrointestinal Disease	146	3	1 - 9	161	3	1 - 8
Gynecologic Disease	15	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	220	4	1 - 7	194	4	2 - 8
Musculoskeletal/Skin Conditions	169	1	1 - 6	166	4	1 - 9
Neuropsychiatric/Sensory Disease	57	5	0 - 22	70	0	1 - 8
Urologic Disease	121	1	0 - 10	101	0	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	259
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	235
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	283
Licensed Practical Nurses:	34

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NYACK HOSP
MIDLAND AVE
NYACK, NY 10960

Medicare Hospital Provider Number: 330104

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,117	12	12 - 16	3,044	13	12 - 16
Cancer	113	39	28 - 50	87	48	28 - 53
Cerebrovascular Accidents	135	24	19 - 35	147	22	21 - 36
Gastrointestinal Catastrophes	36	31	19 - 53	30	33	17 - 54
Infectious Disease	69	36	23 - 50	50	30	23 - 53
Metabolic/Electrolyte Disorders	48	13	11 - 38	51	18	13 - 41
Pulmonary Disease	252	22	20 - 35	271	30	20 - 35
Renal Failure	15	27	16 - 71	25	40	26 - 79
Severe Acute Heart Disease	135	33	29 - 48	119	45	31 - 51
Severe Chronic Heart Disease	167	26	18 - 33	142	18	18 - 33
Severe Trauma	7	14	4 - 65	7	29	9 - 73
Gastrointestinal Disease	248	3	1 - 7	224	4	2 - 9
Gynecologic Disease	11	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	342	3	2 - 6	307	3	2 - 6
Musculoskeletal/Skin Conditions	265	2	1 - 6	269	3	1 - 7
Neuropsychiatric/Sensory Disease	79	4	0 - 16	96	1	1 - 9
Urologic Disease	117	2	0 - 10	113	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	375
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	311
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	358
Licensed Practical Nurses:	124

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Nyack
Hospital
North Midland Avenue
Nyack, New York 10960
914-358-6200

October 24, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building 2-D-2
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

Nyack Hospital reviewed the HCFA mortality data. We wish to note several differences with the information we have on file.

1. Although it is not possible for us to check the "last discharge in 1987," we note the total number of discharges according to your records is 3117, while the total number of Medicare discharges in 1987 was over 5,000.

2. In checking medical record numbers of those patients who died at the hospital we found some errors in principal diagnoses and/or date of death as follows:

Page Number	MR Number	Error
5	[redacted]	Princ. diag. should be 558.9
13	[redacted]	Princ. diag. should be 251.2
13	[redacted]	Princ. diag. should be 428.0
17	[redacted]	Princ. dx. 535.0; DOD 3/19/87
19	[redacted]	Princ. diag. should be 496
1	[redacted]	Princ. diag. should be 530.3
1	[redacted]	DOD 10/3/88
1	[redacted]	Princ. dx. 038.9; DOD 12/24/87
35	[redacted]	Princ. diag. should be 682.3

3. Please note the following errors in the "Hospital Characteristics" section:

HCFA Information Sheet		Corrected Information
# Beds	292	334
% Occupancy	79	85.7
RNs per bed	0.91	1.3
LPNs per bed	0.41	.5
Coronary Care Unit	No	Yes
Hospice Care	No	Yes

Although our data falls into the range of predicted mortality rates in all categories, we are concerned that severity of illness information was not accounted for in the statistical findings.

While the data can be useful, mortality data in and of itself is not an indicator of quality. Such data cannot be used directly as a measure of hospital performance, and without further analysis lacks the necessary context to provide a true measure of hospital performance.

Should further information be required, I can be reached at (914)358-6200, Extension 2163.

Sincerely,

Sylvia N. Holtzberg
Vice President
Corporate Development

NYU MEDICAL CENTER-UNIVERSITY HOSP

550 FIRST AVE
NEW YORK, NY 10016

Medicare Hospital Provider Number: 330214

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,968	5	9 - 12	4,830	6	9 - 13
Cancer	348	21	32 - 49	333	20	33 - 49
Cerebrovascular Accidents	99	8	20 - 34	114	11	19 - 33
Gastrointestinal Catastrophes	35	11	22 - 50	21	19	19 - 57
Infectious Disease	12	17	20 - 65	15	40	20 - 68
Metabolic/Electrolyte Disorders	7	29	7 - 70	3	33	1 - 88
Pulmonary Disease	85	15	18 - 37	111	12	19 - 36
Renal Failure	15	13	17 - 69	14	14	22 - 76
Severe Acute Heart Disease	99	19	30 - 48	108	29	32 - 52
Severe Chronic Heart Disease	109	10	16 - 30	129	16	16 - 31
Severe Trauma	7	0	9 - 57	7	0	14 - 62
Gastrointestinal Disease	342	1	2 - 5	305	2	1 - 6
Gynecologic Disease	64	0	0 - 86	68	0	0 - 31
Low-Risk Heart Disease	775	2	3 - 6	758	3	2 - 6
Musculoskeletal/Skin Conditions	477	1	1 - 4	434	0	1 - 4
Neuropsychiatric/Sensory Disease	333	1	1 - 5	299	1	1 - 5
Urologic Disease	320	0	0 - 4	314	0	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	878
Occupancy Rate (%):	92
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1,236
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	723
Registered Nurses:	931
Licensed Practical Nurses:	49

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OLEAN GENERAL HOSP

515 MAIN ST
OLEAN, NY 14760

Medicare Hospital Provider Number: 330103

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,283	12	9 - 14	1,176	10	9 - 14
Cancer	36	50	28 - 62	33	39	26 - 61
Cerebrovascular Accidents	53	13	17 - 37	39	41	16 - 47
Gastrointestinal Catastrophes	12	42	15 - 68	9	33	10 - 68
Infectious Disease	16	31	16 - 61	13	8	16 - 55
Metabolic/Electrolyte Disorders	41	22	15 - 46	30	20	11 - 44
Pulmonary Disease	68	31	15 - 39	46	13	13 - 36
Renal Failure	2	0	7 - 92	5	60	10 - 84
Severe Acute Heart Disease	24	25	23 - 58	45	29	24 - 52
Severe Chronic Heart Disease	68	24	13 - 35	51	31	13 - 40
Severe Trauma	3	67	4 - 86	3	33	4 - 86
Gastrointestinal Disease	129	1	2 - 7	97	4	1 - 12
Gynecologic Disease	16	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	158	3	1 - 8	160	3	1 - 8
Musculoskeletal/Skin Conditions	101	1	1 - 8	108	3	1 - 10
Neuropsychiatric/Sensory Disease	35	3	0 - 27	30	3	0 - 49
Urologic Disease	69	1	0 - 20	77	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	153
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	73
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	104
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ONEIDA CITY HOSP

321 GENESSE ST
ONEIDA, NY 13421

Medicare Hospital Provider Number: 330115

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	884	15	10 - 16	919	12	10 - 16
Cancer	25	56	27 - 66	25	48	29 - 68
Cerebrovascular Accidents	38	45	16 - 48	25	24	13 - 47
Gastrointestinal Catastrophes	10	50	13 - 70	9	22	15 - 69
Infectious Disease	6	33	6 - 74	8	25	14 - 72
Metabolic/Electrolyte Disorders	16	13	17 - 56	17	24	8 - 52
Pulmonary Disease	51	25	13 - 39	35	31	12 - 44
Renal Failure	4	75	12 - 88	4	75	11 - 88
Severe Acute Heart Disease	42	55	23 - 54	49	35	25 - 52
Severe Chronic Heart Disease	38	37	12 - 43	48	19	16 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	76	0	1 - 8	78	5	2 - 14
Gynecologic Disease	7	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	91	2	1 - 10	92	4	1 - 12
Musculoskeletal/Skin Conditions	75	3	1 - 12	87	5	0 - 15
Neuropsychiatric/Sensory Disease	15	0	0 - 80	17	0	0 - 83
Urologic Disease	51	2	0 - 36	48	4	0 - 59

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	209
Occupancy Rate (%):	84
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

ORTHOPAEDIC INSTITUTE

301 E 17TH ST
NEW YORK, NY 10003

Medicare Hospital Provider Number: 330389

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	984	1	2 - 5	1,052	1	2 - 6
Cancer	2	0	1 - 89	9	0	22 - 60
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	0	0 - 94	0	-	-
Pulmonary Disease	0	-	-	1	0	0 -100
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	1	0	0 - 98
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	647	0	1 - 4	715	1	1 - 4
Neuropsychiatric/Sensory Disease	13	0	0 -100	23	0	0 - 91
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	230
Occupancy Rate (%):	74
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	111
Percent of Physicians Who Are Board Certified Specialists:	45
Interns and Residents:	34
Registered Nurses:	230
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OSWEGO HOSP

110 W 6TH ST
OSWEGO, NY 13126

Medicare Hospital Provider Number: 330218

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	997	15	10 - 15	933	13	9 - 14
Cancer	22	41	21 - 62	21	52	22 - 64
Cerebrovascular Accidents	49	37	15 - 43	28	29	13 - 47
Gastrointestinal Catastrophes	8	25	8 - 67	6	33	14 - 80
Infectious Disease	10	40	10 - 67	12	42	11 - 64
Metabolic/Electrolyte Disorders	17	35	11 - 57	4	25	1 - 86
Pulmonary Disease	45	18	14 - 39	47	26	10 - 38
Renal Failure	4	75	4 - 82	3	67	8 - 90
Severe Acute Heart Disease	51	37	22 - 50	46	39	23 - 52
Severe Chronic Heart Disease	81	21	13 - 32	54	28	13 - 38
Severe Trauma	1	100	0 - 99	1	0	0 - 98
Gastrointestinal Disease	91	3	1 - 12	97	0	2 - 7
Gynecologic Disease	9	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	105	6	1 - 13	109	4	1 - 11
Musculoskeletal/Skin Conditions	87	2	1 - 11	93	3	1 - 11
Neuropsychiatric/Sensory Disease	17	0	0 - 71	18	6	0 - 77
Urologic Disease	47	0	1 - 12	27	4	0 - 63

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	202
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	45
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	0
Registered Nurses:	107
Licensed Practical Nurses:	88

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OUR LADY OF LOURDES MEMORIAL HOSP

169 RIVERSIDE DRIVE
BINGHAMTON, NY 13905

Medicare Hospital Provider Number: 330011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,093	12	11 - 15	2,957	14	12 - 16
Cancer	158	37	30 - 51	176	44	33 - 54
Cerebrovascular Accidents	137	29	20 - 37	115	23	19 - 37
Gastrointestinal Catastrophes	32	34	20 - 56	33	33	21 - 57
Infectious Disease	33	15	21 - 50	23	17	19 - 55
Metabolic/Electrolyte Disorders	47	26	15 - 46	35	26	15 - 49
Pulmonary Disease	145	29	18 - 36	171	29	19 - 37
Renal Failure	10	30	18 - 79	9	56	14 - 80
Severe Acute Heart Disease	114	37	28 - 49	103	39	29 - 50
Severe Chronic Heart Disease	189	26	17 - 31	189	26	18 - 33
Severe Trauma	1	0	0 - 98	2	50	0 - 95
Gastrointestinal Disease	255	3	2 - 7	227	2	1 - 7
Gynecologic Disease	37	3	0 - 75	36	0	0 - 99
Low-Risk Heart Disease	335	5	2 - 7	277	4	2 - 8
Musculoskeletal/Skin Conditions	287	2	1 - 6	277	3	1 - 7
Neuropsychiatric/Sensory Disease	69	1	1 - 11	68	4	0 - 20
Urologic Disease	125	1	0 - 11	114	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	277
Occupancy Rate (%):	77
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	226
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	0
Registered Nurses:	281
Licensed Practical Nurses:	35

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

OUR LADY OF MERCY MEDICAL CENTER

600 EAST 233RD STREET
BRONX, NY 10466

Medicare Hospital Provider Number: 330072

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,639	14	13 - 17	2,427	13	14 - 18
Cancer	97	38	29 - 53	99	39	28 - 52
Cerebrovascular Accidents	178	30	20 - 35	157	20	22 - 37
Gastrointestinal Catastrophes	31	42	18 - 56	23	39	18 - 60
Infectious Disease	52	44	22 - 52	51	33	23 - 53
Metabolic/Electrolyte Disorders	75	31	14 - 41	50	30	12 - 42
Pulmonary Disease	205	37	21 - 38	206	29	22 - 39
Renal Failure	14	29	18 - 74	14	14	20 - 74
Severe Acute Heart Disease	101	31	29 - 50	124	23	32 - 49
Severe Chronic Heart Disease	151	13	18 - 31	135	11	17 - 30
Severe Trauma	5	60	6 - 79	6	17	7 - 70
Gastrointestinal Disease	171	4	2 - 9	140	6	2 - 11
Gynecologic Disease	15	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	262	4	2 - 8	250	3	2 - 7
Musculoskeletal/Skin Conditions	210	3	1 - 8	178	2	1 - 7
Neuropsychiatric/Sensory Disease	98	2	1 - 11	123	2	0 - 11
Urologic Disease	66	2	1 - 12	54	4	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	422
Occupancy Rate (%):	85
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	317
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	140
Registered Nurses:	274
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Healing with love since 1888

OUR LADY OF MERCY MEDICAL CENTER
600 East 233rd Street, Bronx, New York 10466 (212) 920-9000

MEDICARE PROVIDER # 330072

After review of the 1987 and revised 1986 mortality data, differences were found between the original and revised 1986 data.

Differences were identified in the number representing the total patients whose last discharge in 1986 was from our institution and the numbers of cases in each risk category.

We assume that these differences are based on the revised methodology and ICD-9-CM code grouping changes.

HCFA has provided the 1987 case listing data but not the 1986. Therefore evaluation and comparison of both years will be difficult.

OUR LADY OF VICTORY

55 MELROY AT RIDGE ROAD
LACKAWANNA, NY 14218

Medicare Hospital Provider Number: 330095

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,643	14	11 - 15	2,412	14	11 - 15
Cancer	88	42	30 - 54	73	45	36 - 62
Cerebrovascular Accidents	141	23	19 - 35	84	37	17 - 39
Gastrointestinal Catastrophes	29	28	21 - 57	21	38	11 - 55
Infectious Disease	32	28	21 - 55	24	17	17 - 51
Metabolic/Electrolyte Disorders	37	38	12 - 47	30	20	10 - 44
Pulmonary Disease	145	28	19 - 37	135	29	20 - 39
Renal Failure	26	58	20 - 72	5	60	11 - 86
Severe Acute Heart Disease	126	39	27 - 47	117	44	30 - 50
Severe Chronic Heart Disease	164	28	16 - 31	158	19	17 - 31
Severe Trauma	2	100	2 - 88	7	14	12 - 69
Gastrointestinal Disease	197	4	1 - 8	197	3	2 - 7
Gynecologic Disease	13	8	0 - 94	6	0	0 -100
Low-Risk Heart Disease	364	4	1 - 6	360	4	2 - 7
Musculoskeletal/Skin Conditions	220	2	1 - 6	175	4	1 - 9
Neuropsychiatric/Sensory Disease	84	1	1 - 10	94	1	0 - 9
Urologic Disease	91	0	0 - 8	84	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	216
Occupancy Rate (%):	97
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	125
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	0
Registered Nurses:	154
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PARK RIDGE HOSP

1555 LONG POND RD
ROCHESTER, NY 14626

Medicare Hospital Provider Number: 330226

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,175	11	10 - 15	2,050	11	10 - 14
Cancer	78	42	30 - 55	69	43	27 - 54
Cerebrovascular Accidents	136	21	18 - 33	95	17	18 - 36
Gastrointestinal Catastrophes	18	33	16 - 61	21	29	16 - 57
Infectious Disease	34	24	19 - 51	27	41	16 - 55
Metabolic/Electrolyte Disorders	21	24	11 - 51	27	30	12 - 50
Pulmonary Disease	87	22	18 - 38	91	33	17 - 39
Renal Failure	5	40	16 - 91	6	17	10 - 77
Severe Acute Heart Disease	101	35	28 - 49	85	40	28 - 50
Severe Chronic Heart Disease	123	18	16 - 32	113	19	17 - 33
Severe Trauma	4	75	7 - 82	4	25	3 - 81
Gastrointestinal Disease	176	3	1 - 8	172	2	1 - 7
Gynecologic Disease	14	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	286	3	2 - 6	268	3	1 - 7
Musculoskeletal/Skin Conditions	154	1	1 - 7	127	1	0 - 7
Neuropsychiatric/Sensory Disease	155	3	1 - 8	220	1	1 - 6
Urologic Disease	109	0	0 - 6	63	0	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	234
Occupancy Rate (%):	91
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	338
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	182
Licensed Practical Nurses:	45

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PARKWAY HOSP

70-35 113TH ST
FOREST HILLS, NY 11375

Medicare Hospital Provider Number: 330041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,049	16	13 - 17	2,692	10	11 - 15
Cancer	97	47	28 - 52	88	39	30 - 55
Cerebrovascular Accidents	153	23	21 - 37	95	21	23 - 41
Gastrointestinal Catastrophes	30	37	21 - 58	24	50	15 - 56
Infectious Disease	73	40	28 - 55	34	21	21 - 53
Metabolic/Electrolyte Disorders	42	36	17 - 50	28	14	10 - 42
Pulmonary Disease	372	31	23 - 38	200	27	22 - 39
Renal Failure	14	50	22 - 80	11	9	17 - 71
Severe Acute Heart Disease	86	42	32 - 55	107	36	31 - 52
Severe Chronic Heart Disease	148	28	17 - 33	105	20	16 - 33
Severe Trauma	2	50	2 - 92	0	-	-
Gastrointestinal Disease	246	3	2 - 7	233	3	1 - 7
Gynecologic Disease	23	0	0 - 99	30	0	0 - 90
Low-Risk Heart Disease	216	6	2 - 9	260	1	2 - 6
Musculoskeletal/Skin Conditions	227	4	1 - 8	202	0	1 - 5
Neuropsychiatric/Sensory Disease	97	4	0 - 15	270	1	1 - 5
Urologic Disease	220	2	0 - 8	205	4	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	227
Occupancy Rate (%):	76
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	542
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	176
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

THE PARKWAY HOSPITAL

Paul Svensson
Vice President for Operations

MEDICARE PROVIDER #330041

THE PARKWAY HOSPITAL

1987 HCFA MORTALITY STATISTICS COMMENTS

The quality of medical care and the dignified treatment of all patients is the highest priority at The Parkway Hospital. Mortality rate is not necessarily an indication of the quality of care provided. Quality can only be measured by an individual case review according to objective criteria.

Parkway conducts a 100% chart review of mortalities based upon 25 national criteria. This review is conducted in association with an outside independent agency and in accordance with the standards of the New York State Health Department and Joint Commission on the Accreditation of Healthcare Organizations. Parkway received a 3-year accreditation in March, 1988.

The mortalities reviewed have not demonstrated any evidence that care was inappropriate. There were no significant changes in our pattern of practice between 1986 and 1987. Parkway continues to provide high quality care with emphasis on patient dignity and the appropriateness of care. The higher mortality rate in 1987, compared to 1986, is indicative of a change in our patients to a more elderly, acutely ill population. Parkway handles a high risk nursing home population with a high percentage of complications and comorbidities. This is reflected in the increased predicted mortality range for 1987.

It must be noted that the HCFA actual mortality rate calculation includes only the patient's last admission in the calendar year. These patients routinely have multiple admissions during the period studied. If these admissions were included, the calculated rate would be lessened. In addition, our review of the identified mortalities in the low-risk heart disease category indicates that there was a 30% error overstating the actual mortality rate.

Parkway is committed to, and does maintain, an objective program to monitor and assure a high quality of care for all of its patients.

70-35 113th Street ☐ Forest Hills, NY 11375 ☐ (718) 990-4131

Accredited by the Joint Commission on Accreditation of Hospitals

PARSONS HOSP

35-06 PARSONS BLVD
FLUSHING, NY 11357

Medicare Hospital Provider Number: 330297

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	464	19	12 - 20	605	22	13 - 20
Cancer	6	50	13 - 80	23	70	28 - 67
Cerebrovascular Accidents	20	20	13 - 50	18	39	12 - 56
Gastrointestinal Catastrophes	4	0	6 - 71	7	71	12 - 74
Infectious Disease	7	0	13 - 59	7	57	14 - 78
Metabolic/Electrolyte Disorders	4	0	1 - 80	9	22	7 - 63
Pulmonary Disease	65	31	21 - 45	83	35	20 - 43
Renal Failure	6	33	17 - 87	6	50	9 - 81
Severe Acute Heart Disease	25	68	23 - 60	26	73	30 - 64
Severe Chronic Heart Disease	33	39	11 - 45	45	36	13 - 42
Severe Trauma	0	-	-	2	0	1 - 89
Gastrointestinal Disease	33	9	0 - 44	47	6	1 - 23
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	70	11	0 - 25	75	13	1 - 23
Musculoskeletal/Skin Conditions	30	0	0 - 30	53	4	0 - 27
Neuropsychiatric/Sensory Disease	18	0	0 - 63	51	0	0 - 13
Urologic Disease	8	0	0 - 99	18	0	0 - 70

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	100
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

PEEKSKILL HOSP

1980 CROMPOND RD
PEEKSKILL, NY 10566

Medicare Hospital Provider Number: 330267

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,307	13	10 - 15	1,267	12	10 - 15
Cancer	52	40	23 - 52	38	47	28 - 61
Cerebrovascular Accidents	81	35	18 - 40	75	20	18 - 38
Gastrointestinal Catastrophes	15	33	12 - 60	10	10	14 - 60
Infectious Disease	21	19	17 - 54	17	29	16 - 60
Metabolic/Electrolyte Disorders	21	14	5 - 43	19	11	9 - 45
Pulmonary Disease	53	30	12 - 39	35	9	11 - 34
Renal Failure	11	36	18 - 79	9	44	14 - 79
Severe Acute Heart Disease	68	32	25 - 49	71	41	27 - 52
Severe Chronic Heart Disease	83	22	13 - 32	100	21	13 - 31
Severe Trauma	1	0	0 - 97	4	75	11 - 85
Gastrointestinal Disease	124	1	1 - 7	111	6	0 - 15
Gynecologic Disease	13	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	145	3	1 - 9	183	3	2 - 8
Musculoskeletal/Skin Conditions	117	3	1 - 9	102	1	1 - 8
Neuropsychiatric/Sensory Disease	26	4	0 - 57	27	7	0 - 90
Urologic Disease	69	0	0 - 13	47	0	0 - 18

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	114
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	109
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	88
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PELHAM BAY GENERAL HOSP

1870 PELHAM PKW SOUTH
BRONX, NY 10461

Medicare Hospital Provider Number: 330320

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,058	12	10 - 15	1,224	12	11 - 16
Cancer	31	45	26 - 62	42	50	26 - 59
Cerebrovascular Accidents	45	27	18 - 45	48	15	19 - 41
Gastrointestinal Catastrophes	8	25	15 - 73	4	25	8 - 82
Infectious Disease	4	25	10 - 83	5	40	13 - 84
Metabolic/Electrolyte Disorders	23	22	11 - 49	31	16	9 - 42
Pulmonary Disease	78	37	21 - 44	86	24	19 - 40
Renal Failure	8	38	14 - 80	0	-	-
Severe Acute Heart Disease	19	42	18 - 61	59	47	30 - 56
Severe Chronic Heart Disease	48	31	12 - 39	70	24	15 - 36
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	109	3	1 - 10	124	3	1 - 10
Gynecologic Disease	13	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	125	3	1 - 9	143	2	1 - 8
Musculoskeletal/Skin Conditions	100	4	1 - 12	103	6	1 - 14
Neuropsychiatric/Sensory Disease	53	2	0 - 19	63	2	0 - 15
Urologic Disease	48	4	0 - 53	53	0	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	183
Occupancy Rate (%):	60
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	118
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PENINSULA HOSP CENTER

51-15 BEACH CHANNEL DRIVE
FAR ROCKAWAY, NY 11691

Medicare Hospital Provider Number: 330002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,112	18	14 - 19	2,167	20	15 - 20
Cancer	55	53	29 - 58	71	65	35 - 60
Cerebrovascular Accidents	72	26	18 - 39	103	28	22 - 41
Gastrointestinal Catastrophes	19	47	15 - 60	17	41	16 - 63
Infectious Disease	98	41	31 - 56	97	46	31 - 57
Metabolic/Electrolyte Disorders	24	17	13 - 48	16	25	10 - 55
Pulmonary Disease	249	36	26 - 42	297	40	25 - 40
Renal Failure	21	38	24 - 78	19	53	22 - 78
Severe Acute Heart Disease	58	33	26 - 52	70	53	30 - 54
Severe Chronic Heart Disease	109	30	16 - 35	120	27	16 - 34
Severe Trauma	3	0	3 - 79	5	0	16 - 73
Gastrointestinal Disease	139	8	1 - 13	141	6	1 - 11
Gynecologic Disease	2	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	188	4	1 - 8	230	2	2 - 7
Musculoskeletal/Skin Conditions	186	5	1 - 9	172	3	1 - 8
Neuropsychiatric/Sensory Disease	139	4	1 - 10	126	5	2 - 11
Urologic Disease	49	2	0 - 20	57	4	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	252
Occupancy Rate (%):	79
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	231
Percent of Physicians Who Are Board Certified Specialists:	61
Interns and Residents:	27
Registered Nurses:	211
Licensed Practical Nurses:	44

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PHELPS MEMORIAL HOSP

NORTH BROADWAY
NORTH TARRYTOWN, NY 10591

Medicare Hospital Provider Number: 330261

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,780	12	11 - 15	1,724	11	10 - 15
Cancer	79	52	31 - 57	65	45	30 - 58
Cerebrovascular Accidents	93	31	16 - 36	92	28	18 - 38
Gastrointestinal Catastrophes	13	15	10 - 55	13	54	17 - 69
Infectious Disease	25	40	20 - 60	26	38	18 - 58
Metabolic/Electrolyte Disorders	28	11	13 - 44	36	14	11 - 40
Pulmonary Disease	63	24	15 - 38	62	19	16 - 39
Renal Failure	7	29	19 - 85	10	40	11 - 75
Severe Acute Heart Disease	71	45	27 - 51	64	38	29 - 54
Severe Chronic Heart Disease	98	14	19 - 35	89	22	15 - 34
Severe Trauma	0	-	-	4	50	3 - 83
Gastrointestinal Disease	155	3	2 - 8	156	1	1 - 7
Gynecologic Disease	11	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	199	2	2 - 7	163	3	2 - 8
Musculoskeletal/Skin Conditions	188	3	1 - 8	157	1	1 - 6
Neuropsychiatric/Sensory Disease	84	2	1 - 11	114	2	1 - 9
Urologic Disease	76	4	0 - 22	60	3	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 215
Occupancy Rate (%): 81
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 150
Percent of Physicians Who Are Board Certified Specialists: 74
Interns and Residents: 0
Registered Nurses: 196
Licensed Practical Nurses: 31

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PHYSICIANS HOSP

3401 73RD ST
JACKSON HEIGHTS, NY 11372

Medicare Hospital Provider Number: 330335

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,090	12	10 - 15	1,143	13	11 - 16
Cancer	32	44	24 - 60	48	54	30 - 61
Cerebrovascular Accidents	48	23	19 - 44	37	14	18 - 42
Gastrointestinal Catastrophes	14	43	14 - 64	14	14	17 - 59
Infectious Disease	2	0	4 - 89	7	57	12 - 76
Metabolic/Electrolyte Disorders	16	31	11 - 58	21	33	5 - 50
Pulmonary Disease	79	37	19 - 42	71	25	18 - 41
Renal Failure	3	67	11 - 93	0	-	-
Severe Acute Heart Disease	30	10	25 - 50	55	40	28 - 55
Severe Chronic Heart Disease	73	23	16 - 36	92	21	17 - 35
Severe Trauma	1	0	2 - 97	1	0	0 - 99
Gastrointestinal Disease	101	3	1 - 10	109	5	1 - 12
Gynecologic Disease	8	13	0 - 98	6	17	0 -100
Low-Risk Heart Disease	136	4	1 - 10	149	2	2 - 8
Musculoskeletal/Skin Conditions	119	3	1 - 10	115	1	1 - 7
Neuropsychiatric/Sensory Disease	24	0	0 - 57	34	0	0 - 33
Urologic Disease	76	4	0 - 36	57	4	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 142
Occupancy Rate (%): (not available)
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

PLACID MEMORIAL HOSP

CHURCH ST
LAKE PLACID, NY 12946

Medicare Hospital Provider Number: 330176

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	182	11	9 - 19	185	11	9 - 19
Cancer	1	0	1 - 97	7	57	17 - 80
Cerebrovascular Accidents	5	60	4 - 77	9	0	12 - 49
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	2	0	7 - 91	2	0	7 - 91
Metabolic/Electrolyte Disorders	2	50	0 - 96	9	33	5 - 65
Pulmonary Disease	21	19	15 - 51	6	50	2 - 76
Renal Failure	1	100	1 -100	1	100	0 -100
Severe Acute Heart Disease	6	50	14 - 81	4	25	9 - 83
Severe Chronic Heart Disease	11	9	8 - 50	11	27	11 - 62
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	15	7	0 - 73	10	0	0 - 70
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	31	0	1 - 16	27	0	1 - 18
Musculoskeletal/Skin Conditions	22	0	0 - 31	21	5	0 - 64
Neuropsychiatric/Sensory Disease	6	0	0 -100	9	0	0 - 94
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	48
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	24
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PRESBYTERIAN HOSP

622 W 168TH ST
NEW YORK, NY 10032

Medicare Hospital Provider Number: 330012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	6,141	8	9 - 12	6,517	8	8 - 12
Cancer	328	24	33 - 49	353	31	33 - 50
Cerebrovascular Accidents	206	17	19 - 32	241	16	20 - 33
Gastrointestinal Catastrophes	48	31	20 - 52	35	17	16 - 48
Infectious Disease	66	35	21 - 49	53	49	24 - 55
Metabolic/Electrolyte Disorders	55	18	12 - 40	39	18	9 - 39
Pulmonary Disease	193	22	19 - 34	206	22	19 - 35
Renal Failure	48	21	7 - 54	40	15	8 - 57
Severe Acute Heart Disease	153	28	30 - 47	155	30	30 - 47
Severe Chronic Heart Disease	175	18	16 - 29	176	18	16 - 29
Severe Trauma	8	0	9 - 54	7	14	4 - 65
Gastrointestinal Disease	272	2	1 - 6	295	2	1 - 6
Gynecologic Disease	80	0	0 - 81	72	0	0 - 96
Low-Risk Heart Disease	513	4	2 - 6	539	5	2 - 6
Musculoskeletal/Skin Conditions	618	2	1 - 5	671	1	1 - 4
Neuropsychiatric/Sensory Disease	867	1	1 - 5	943	1	1 - 4
Urologic Disease	282	0	1 - 5	306	1	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	1,291
Occupancy Rate (%):	87
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1,311
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	392
Registered Nurses:	1,012
Licensed Practical Nurses:	115

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

The Presbyterian Hospital in the City of New York
Columbia-Presbyterian Medical Center, New York, NY 10032-3784

October 17, 1988 Provider No: 330012

Willam L. Roper, M.D.
Administrator
Health Care Financing Administration
Hubert H. Humphrey Building, Room 309-G
200 Independence Avenue, SW
Washington, D.C. 20201

Re:Medicare Mortality Review for the Presbyterian Hospital in the City of New York for the Year 1987

Dear Dr. Roper,

Thank you for the opportunity to review the Health Care Financing Administration (HCFA) 1987 Medicare Mortality Data. The Presbyterian Hospital in the City of New York is one of the nation's most prominent urban, teaching medical centers. Its professional staff, committed to setting the highest standards of medical excellence within this 1,291 bed institution, is made up of 1,300 physicians and dentists, 454 medical residents and 106 visiting fellows.

In 1987, the hospital's 17 clinical services cared for 49,019 patient discharges with an occupancy rate of 88.9 percent. The mean length of stay for all discharges was 8.8 days. It is estimated that one (1) out of every 1,000 hospital discharges in the United States each year occur from the Presbyterian Hospital.

On September 19, 1988, we received the 1986 - 1987 HCFA mortality rates identified within sixteen diagnostic categories. The HCFA Statistic Mortality Model lists, by category, 6,141 Medicare patient identifiers. Within this listing, 465 deaths are identified to qualify for inclusion in the "dying within 30 days of admission" study group. In both years our mortality rates were below or within the statistical model's predicted ranges. However, as you have suggested, even those hospitals at the low end of the predicted mortality ranges should review their data in detail.

Our review of our hospital statistics reveals that there were a reported 9,965 Medicare discharges of 7,416 Medicare beneficiaries from the Presbyterian Hospital in 1987. Therefore, it would appear that the HCFA sample contains 83 percent of the Presbyterian Hospital's Medicare patient population. Of the 9,965 discharges, 48 percent were males and 52 percent were females. The mean age was 71.8 years. The race distribution was 63.7 percent white, 18.3 percent black, 12.4 percent Hispanic, 5.6 percent Other and Unknown. The mean length of stay was 14.47 days with 1.3 discharges per Medicare patient.

Of the 465 Medicare deaths included in the HCFA model, 71 patients, or 15.3 percent, were identified as dying after discharge from the Presbyterian Hospital. A review indicates that 25, or 35 percent of the 71 patients, were in-hospital deaths. (See Appendix A). Therefore, the correct number of out-of-hospital deaths equal 46, or 9.8 percent of the total 465 deaths included in the model. The remaining 419 in-hospital deaths were confirmed using the hospital computer information system, deaths certificates, and patients' physician verifications.

A precision analysis was performed for selected data elements of the Medicare deaths. The element discrepancies and frequency of occurrence are as follows: Age-131; Sex-8; Principal Diagnosis-19; and Date of Death-26. (See Appendix B). The effect of these differences upon the calculated mortality ranges was not significant enough to change the study outcome.

Complexity and intensity of disease are clearly contributing factors associated with higher lengths of stay (LOS) for Medicare patients in large urban teaching hospitals. The average LOS for the Medicare deaths in the HCFA study sample was approximately 11.1 days. As a method of identifying disease complexity and intensity, the number of secondary diagnoses was measured. The findings show that an average of 5.7 other comorbid conditions existed in the 465 deaths. For example, the mean range of additional secondary diagnoses within the identified categories was 4.7 in cerebrovascular accidents to 8.4 in renal failure.

Another area examined was the number of previous hospitalizations of the 465 patients at the Presbyterian Hospital in the 12 months prior to their death. Almost two-thirds (66.8 percent) of the deaths did not have a prior hospitalization at the Presbyterian Hospital. In fact, 89.4 percent of the Low Risk Heart Disease and 85.7 percent of the Cerebrovascular Accident patients were not hospitalized at the Presbyterian in the previous 12 months before they died. Further study of this observation will affirm the mission of the Presbyterian Hospital which functions both as a community hospital and a major tertiary referral center to which critically ill patients are sent to receive comprehensive specialty care.

The Presbyterian Hospital recognizes the accomplishments that have been made by the Health Care Finance Administration in advancing the study of statistical analysis of national mortality data. However, the prediction of mortality rates is in its early stages of development. There has yet to be a definitive correlation between adjusted mortality rates and the quality of patient care. The Presbyterian Hospital is committed to provide the highest level of quality health care and considers the ongoing analysis of mortality data as a means of achieving our common goals.

Sincerely Yours,

Raymond R. Arons, M.E., M.P.H., Dr.PH
Director, Office of Case Mix Studies

Attachments (2)

PUTNAM COMMUNITY HOSP

STONELEIGH AVE
CARMEL, NY 10512

Medicare Hospital Provider Number: 330273

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,155	12	11 - 16	1,125	12	12 - 17
Cancer	40	47	31 - 64	39	46	31 - 64
Cerebrovascular Accidents	76	18	17 - 36	51	37	16 - 44
Gastrointestinal Catastrophes	11	18	14 - 63	9	22	12 - 67
Infectious Disease	12	42	12 - 65	19	32	18 - 61
Metabolic/Electrolyte Disorders	27	15	11 - 44	19	37	9 - 54
Pulmonary Disease	92	25	17 - 37	65	17	16 - 37
Renal Failure	5	20	10 - 81	4	25	12 - 89
Severe Acute Heart Disease	48	38	24 - 52	71	25	27 - 49
Severe Chronic Heart Disease	44	9	15 - 35	52	23	13 - 37
Severe Trauma	1	0	0 - 97	2	50	2 - 92
Gastrointestinal Disease	75	1	1 - 10	91	3	1 - 12
Gynecologic Disease	5	0	0 -100	9	0	0 - 99
Low-Risk Heart Disease	179	5	1 - 9	150	2	1 - 7
Musculoskeletal/Skin Conditions	80	4	1 - 14	62	8	0 - 27
Neuropsychiatric/Sensory Disease	34	6	0 - 49	77	1	1 - 11
Urologic Disease	40	0	0 - 20	38	0	0 - 20

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	144
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	101
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	142
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

phc Putnam Hospital Center
Stoneleigh Avenue, Carmel, New York 10512 (914) 279-5711

October 21, 1988 Medicare Provider No. 330273

Dr. W. Roper
Administrator, Health
Care Financing Administrator
Health Standards and Quality Bureau
Meadows East Building 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper,

We have reviewed the data sent to us by HCFA on 1986 and 1987 deaths of Medicare recipients at Putnam Hospital Center. The information provided on hospital characteristics is inaccurate, and we would like the data adjusted to reflect the information noted below.

In 1986, Putnam Hospital had 156 beds as opposed to the 122 noted in the report. The occupancy rate during 1986 was 79 percent instead of 73 percent. Putnam Hospital had 65 physicians on staff during that year, of which 71 percent were Board Certified. Our Registered Nurse to bed ratio during 1986 was 0.94 and our Licensed Practical nurse to bed ratio was .13. Again this differs from the HCFA data of 1.2 and .16 for number of RN's/bed and LPN's/bed respectively.

The other inaccuracy noted in the HCFA data is in the specialty services section. Putnam Hospital currently has and had in 1986 a Coronary Care Unit composed of 10 beds.

Since this information regarding hospital services, staffing and occupancy is of importance to our community we would appreciate the data to be revised to accurately reflect the characteristics of our hospital in 1986. Thank you for giving us the opportunity to comment on the HCFA data.

Sincerely,

Kyle Cahill
Assistant Administrator

KC:rab

QUEENS HOSP MED CTR

82-68 164TH ST
JAMAICA, NY 11432

Medicare Hospital Provider Number: 330231

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,340	16	11 - 16	1,317	18	10 - 15
Cancer	43	44	27 - 59	42	48	30 - 62
Cerebrovascular Accidents	70	34	16 - 40	70	44	15 - 40
Gastrointestinal Catastrophes	21	38	16 - 59	14	36	13 - 63
Infectious Disease	35	46	14 - 49	30	70	23 - 59
Metabolic/Electrolyte Disorders	24	33	7 - 49	27	30	9 - 47
Pulmonary Disease	77	42	15 - 39	55	35	12 - 39
Renal Failure	9	33	6 - 71	11	64	14 - 76
Severe Acute Heart Disease	82	38	29 - 52	63	60	25 - 51
Severe Chronic Heart Disease	79	20	14 - 34	77	25	12 - 33
Severe Trauma	4	0	2 - 72	3	100	4 - 79
Gastrointestinal Disease	45	4	0 - 31	60	2	0 - 18
Gynecologic Disease	3	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	117	6	0 - 14	105	9	1 - 17
Musculoskeletal/Skin Conditions	81	0	0 - 8	82	4	0 - 19
Neuropsychiatric/Sensory Disease	102	4	0 - 20	100	3	0 - 18
Urologic Disease	35	6	0 - 50	29	0	0 - 73

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 473
Occupancy Rate (%): 86
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 184
Percent of Physicians Who Are Board Certified Specialists: 61
Interns and Residents: 151
Registered Nurses: 550
Licensed Practical Nurses: 81

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

QUEENS HOSPITAL CENTER

New York City Health And Hospitals Corporation
82-68 164th Street, Jamaica, New York 11432
(718) 990-3377

Affiliated with
Long Island Jewish - Hillside Medical Center
Health Sciences Center / S.U.N.Y. Stony Brook

Hospital ID: 330231

HCFA MEDICARE MORTALITY REVIEW COMMENTS

Queens Hospital Center (QHC) is an acute care public hospital that serves the residents of Southeast Queens, which includes a large percentage of the poor and disadvantaged. 11% of QHC's patients are Medicare recipients and 88% of these patients are admitted through the emergency room with an emergency priority status. On average this population is admitted with 3.4 coexisting illnesses.

The basic problem with HCFA's prediction model is that it attempts to predict a hospital's death rate based on the very limited data available on the Medicare bills of patients that had their last calendar year 1987 admission in that hospital. Omitted from consideration are: 1) the full range of clinical data describing the patient's condition upon admission that are not available on the bill; 2) several significant variables like patient race and admission source that are available on the bill; and 3) any "credit" for having successfully treated and discharged patients who are later hospitalized in another facility.

Specifically, although national statistics indicate that blacks have substantially higher mortality rates for many diseases targeted in HCFA's model, there is no adjustment for patient race. Half of QHC's Medicare patients are black. We also know that poor patients are generally in poorer overall health and have less access to primary care, but no adjustment is made for socioeconomic status, even though a useful proxy for this (i.e., a secondary pay source of Medicaid) is available on the patient bill. Over 60% of QHC's Medicare patients have Medicaid as a secondary pay source.

QHC's actual overall mortality rate fell within HCFA's predicted overall range. In only one of the 16 diagnostic categories, pulmonary disease, did QHC's actual mortality rate exceed HCFA's predicted range by 4%, or 2 patient deaths. Had HCFA's methodology included a race adjustment, QHC's actual mortality rate would have fallen within the predicted range in this category. QHC's rate would also have been within the predicted range if HCFA's model reflected the fact that the mortality rates for Pneumonia and Influenza in QHC's primary service area are 50% higher than the national average.

Although the above statistical findings suggest that QHC serves a high risk patient population, an in-depth review of the medical records of deaths identified by HCFA in the pulmonary category (1987 HCFA Mortality Data) and in the Trauma Category (newly released 1986 HCFA Mortality Data) were performed. Patients were evaluated for chronicity, i.e., the degree of physical impairment immediately prior to admission, and for the severity of their illness.

All pulmonary disease patients were admitted through the ER as urgent admissions. 56% were over age 80 and 97% were mildly to severely limited in their activities of daily living prior to admission. 47% were transferred into QHC: 64% of these from nursing homes, 29% from state psychiatric facilities, and 7% from a VA hospital 38% were admitted to the ICU and 31% to the pulmonary step-down unit. 19% expired within 24 hours of admission, of which half expired in the ICU. 71% had five or more secondary diagnoses with an average of 7 secondary diagnoses including: Diabetes Mellitus, Sepsis and Severe Dehydration.

All 3 trauma deaths reported by HCFA were admitted through the ER. All suffered Subdural Hemorrhages following injury. Two of the three expired in the ICU. Secondary diagnoses included Diabetes Insipidus and Alcohol Abuse, indicating disease chronicity.

This mortality review has demonstrated that QHC delivers care to a high risk population. QHC will continue its ongoing review of medical records, including 100% review of inpatient deaths, as part of its comprehensive quality assurance program.

RICHMOND MEMORIAL HOSP HLTH CTR

375 SEQUINE AVE
STATEN ISLAND, NY 10309

Medicare Hospital Provider Number: 330076

Diagnostic Category	**Calender Year 1987**			**Calender Year 1986**		
	Cases	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**	**Cases**	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**
All Cases	1,041	13	11 - 16	1,131	13	11 - 17
Cancer	30	47	23 - 60	40	35	24 - 56
Cerebrovascular Accidents	38	32	14 - 44	40	35	13 - 44
Gastrointestinal Catastrophes	9	67	12 - 70	10	50	15 - 72
Infectious Disease	15	40	14 - 62	11	36	17 - 71
Metabolic/Electrolyte Disorders	26	31	9 - 48	27	37	13 - 52
Pulmonary Disease	88	20	18 - 38	104	30	20 - 41
Renal Failure	4	0	10 - 78	8	25	14 - 79
Severe Acute Heart Disease	40	47	24 - 55	43	47	23 - 53
Severe Chronic Heart Disease	66	17	13 - 33	79	10	16 - 32
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	70	1	1 - 11	83	5	0 - 16
Gynecologic Disease	7	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	120	1	2 - 7	154	3	1 - 8
Musculoskeletal/Skin Conditions	85	4	1 - 13	109	2	1 - 9
Neuropsychiatric/Sensory Disease	42	0	0 - 16	44	0	0 - 16
Urologic Disease	22	0	0 - 79	27	0	0 - 63

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 231
Ownership/Control: Private, Non-profit

STAFFING

Interns and Residents: 0
Registered Nurses: 125
Licensed Practical Nurses: 1

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: Yes

RMH Richmond Memorial
Hospital and Health Center
375 Seguine Avenue, Staten Island, New York 10309 (718) 317-2000

Anthony J. Succo
Executive Vice President
Vincent D. Piegari
President, Board of Trustees

October 20, 1988

Health Standards And Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We are in receipt of the Health Care Financing Administration publication, entitled "Medicare Hospital Mortality Information (1987)".

In review of the data, reflective of mortality information about medicare patients discharged from Richmond Memorial Hospital in 1987, we have found the statistics to be accurately reported.

Additionally, it has been noted that although the actual mortality rates specified ranged slightly higher than those reported for the 1986 calendar year, they were well within the range for predicted mortality. The noted increase from the prior year's report was attributed (by the medical staff) to the volume of cases and case mix index. The volume having been higher in 1986 and case mix index having been higher in 1987.

The need for further action on the part of Richmond Memorial Hospital, with respect to the outcome of the medical staff's review of the data, has not been identified. However, the hospital's Quality Assurance Program will continue to track and trend cases of mortality toward improved patient care.

I hope the above noted comments adequately respond to your request for hospital review of the medicare Mortality Study; and if I can be of any further assistance to your organization, please feel free to contact me.

Sincerely,

Joan M. Goodman

Joan M. Goodman
Director of Medical Staff
Affairs

JMG/mc

A Division of Community Health System of Staten Island, Inc.

ROCHESTER GEN HOSP

1425 PORTLAND AVE
ROCHESTER, NY 14621

Medicare Hospital Provider Number: 330125

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,089	12	10 - 14	4,870	11	10 - 14
Cancer	221	41	32 - 51	214	35	28 - 47
Cerebrovascular Accidents	196	21	19 - 33	182	21	18 - 33
Gastrointestinal Catastrophes	52	38	22 - 53	46	26	22 - 52
Infectious Disease	46	43	21 - 53	30	33	18 - 54
Metabolic/Electrolyte Disorders	57	33	15 - 45	61	26	12 - 40
Pulmonary Disease	222	26	20 - 35	208	27	18 - 34
Renal Failure	29	21	15 - 63	27	30	16 - 68
Severe Acute Heart Disease	263	32	30 - 45	251	29	31 - 45
Severe Chronic Heart Disease	226	23	18 - 31	252	19	17 - 29
Severe Trauma	11	64	9 - 65	1	0	2 - 97
Gastrointestinal Disease	320	3	1 - 6	302	5	1 - 7
Gynecologic Disease	72	1	0 -100	37	0	0 -100
Low-Risk Heart Disease	717	4	2 - 6	689	5	2 - 6
Musculoskeletal/Skin Conditions	420	3	1 - 5	401	2	1 - 5
Neuropsychiatric/Sensory Disease	257	2	1 - 7	270	2	0 - 6
Urologic Disease	242	2	0 - 8	202	2	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 534
Occupancy Rate (%): 83
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 424
Percent of Physicians Who Are Board Certified Specialists: 69
Interns and Residents: 19
Registered Nurses: 562
Licensed Practical Nurses: 104

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Rochester
General
Hospital

1425 Portland Avenue • Rochester, New York 14621 • (716) 338-4000

The HCFA Mortality data released for Rochester Hospitals shows those patients that died as inpatients as well as those patients who died within 30 days of admission as outpatients. For all 16 diagnostic categories in this Medicare Mortality data, Rochester General's actual mortality rate fell within the predicted mortality range. The Hospital's overall mortality rate fell in the lower end of the predicted range in the majority of categories.

While verifying and analyzing this data, we found several important specific patient characteristics not taken into account in the study. For example, in the category of severe trauma, Rochester General falls in the higher end of the predicted mortality range. After careful review of patient's medical record, we discovered that over half of the patients included in the study were at a terminal stage and/or at a DNR (Do Not Resuscitate) level at the time of their death. In fact, 27% of these patients died after discharge to a nursing home for terminal care.

Affiliated with the University of Rochester School of Medicine and Dentistry

ROCHESTER PSYCHIATRIC CENTER

1600 SOUTH AVE
ROCHESTER, NY 14620

Medicare Hospital Provider Number: 330367

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	67	13	2 - 22	107	14	3 - 18
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	1	100	0 -100
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	50	0 -100	1	100	0 -100
Musculoskeletal/Skin Conditions	2	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	2	0	0 -100	11	9	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	798
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

NEW YORK STATE
OFFICE OF MENTAL HEALTH

ROCHESTER PSYCHIATRIC CENTER
MARTIN H. VON HOLDEN, D.P.A., M.A.
Executive Director

FRANK SOULTS, M.D.
Medical Director

RONALD T. GREENE, Ph.D.
Director for Program Operations

MARGARET DUGAN
Acting Director for Administration

PATRICIA ARCURI-MICHALCZYK, RN, MS
Director for Quality Assurance

GEORGE A. ROETS, R.N., M.S.
Director for Community Services

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore MD 21207

Dear Ms. Kappert:

This is in response to your request for comments on the HCFA Mortality Data. We do not know how to begin to respond to this report since the initial premise are totally invalid. Specifically:

1. We are not an acute care facility.

2. As a psychiatric center, we do not now, nor have we ever offered the following specialty services: Shock/Trauma or Burn Unit; Coronary Care Unit; Acute Renal Dialysis Unit.

3. We have a medical services unit that provides "sub-acute" services on a short-term basis to our physically ill psychiatric patients.

4. The number of beds in that unit was 63 in 1986. The number of RN's was 17.8 and the number of LPN's was 21.6, leaving ratios of .28 and .34 respectively. This is drastically different than the 0.03 figure listed in your report.

5. You list hospital characteristics for 1986, but mortality figures for 1987 and 1988. Specifically, 19 deaths occurred in 1987 and 3 in 1988.

6. Of the 22 patients listed, there were incorrect diagnoses shown for 20 and there were incorrect dates of death for 3. That list is attached.

I attempted to contact your office to speak to someone for assistance in clarifying our confusion, but was unable to do so. We strongly recommend that you withhold filing of this report until these discrepancies can be reconciled with us.

At the time of this writing, there appears to be discrepancies in the patient specific data listed for those patients who did not expire. Time does not permit inclusion of this list at this point. We would like an opportunity to provide it before filing of the report.

If you have any questions, please contact me at (716)473-5038.

Sincerely,

MARTIN H. VON HOLDEN, D.P.A., M.A.
EXECUTIVE DIRECTOR

Patricia Michalczyk / RAB/fm
Patricia Arcuri-Michalczyk, RN, MS
Director for Quality Asssurance

PJAM/tlg
Attachment
cc: Cabinet

ROCKEFELLER UNIV HOSP

1230 YORK AVE
NEW YORK, NY 10021

Medicare Hospital Provider Number: 330387

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	14	0	0 - 99	31	0	0 - 25
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	5	0	0 -100
Musculoskeletal/Skin Conditions	5	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	5	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	70
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	44
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROME HOSP MURPHY MEM HOSP

1500 N JAMES ST
ROME, NY 13440

Medicare Hospital Provider Number: 330215

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,593	13	11 - 15	1,650	15	11 - 16
Cancer	54	35	28 - 57	54	63	29 - 58
Cerebrovascular Accidents	45	24	17 - 43	66	29	17 - 40
Gastrointestinal Catastrophes	13	8	14 - 53	17	47	14 - 61
Infectious Disease	39	46	20 - 53	21	29	16 - 56
Metabolic/Electrolyte Disorders	37	32	11 - 46	35	11	12 - 40
Pulmonary Disease	89	21	17 - 37	86	33	16 - 38
Renal Failure	6	100	26 - 84	10	50	16 - 80
Severe Acute Heart Disease	69	48	28 - 53	85	52	29 - 52
Severe Chronic Heart Disease	98	27	14 - 33	117	29	15 - 33
Severe Trauma	2	0	3 - 88	3	33	4 - 86
Gastrointestinal Disease	122	2	1 - 9	134	4	1 - 10
Gynecologic Disease	14	0	0 -100	18	6	0 -100
Low-Risk Heart Disease	189	4	1 - 8	173	2	1 - 7
Musculoskeletal/Skin Conditions	104	0	1 - 6	126	2	1 - 8
Neuropsychiatric/Sensory Disease	39	3	1 - 21	27	0	0 - 91
Urologic Disease	51	2	0 - 29	79	3	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	190
Occupancy Rate (%):	73
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	52
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	141
Licensed Practical Nurses:	47

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROOSEVELT HOSP

428 W 59TH ST
NEW YORK, NY 10019

Medicare Hospital Provider Number: 330046

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,709	11	10 - 15	2,594	10	11 - 15
Cancer	143	41	33 - 54	173	29	33 - 52
Cerebrovascular Accidents	108	27	17 - 36	76	32	16 - 38
Gastrointestinal Catastrophes	29	28	15 - 51	31	32	20 - 57
Infectious Disease	31	48	22 - 58	25	24	17 - 54
Metabolic/Electrolyte Disorders	47	19	9 - 39	48	31	10 - 42
Pulmonary Disease	121	19	18 - 35	141	19	18 - 35
Renal Failure	15	33	13 - 70	14	21	14 - 71
Severe Acute Heart Disease	94	39	30 - 52	91	36	30 - 52
Severe Chronic Heart Disease	107	21	17 - 34	110	20	16 - 33
Severe Trauma	8	13	10 - 64	5	20	9 - 77
Gastrointestinal Disease	170	1	2 - 7	178	3	1 - 8
Gynecologic Disease	26	0	0 -100	26	0	0 - 99
Low-Risk Heart Disease	219	5	1 - 8	209	4	1 - 8
Musculoskeletal/Skin Conditions	287	2	1 - 6	262	2	1 - 6
Neuropsychiatric/Sensory Disease	140	1	1 - 8	148	1	1 - 6
Urologic Disease	147	1	0 - 7	126	2	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	583
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	109
Registered Nurses:	601
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST. LUKE'S\ROOSEVELT
Hospital Center

Amsterdam Avenue at 114th Street, New York, NY 10025

Edmund O. Rothschild, M.D., F.A.C.P.
Vice President
Professional and Academic Affairs

The Roosevelt Hospital
St. Luke's Hospital
Woman's Hospital

October 23, 1988

Hospital I.D. Numbers:.
St. Luke's Site: 330120
Roosevelt Site: 330046

William L. Roper, M.D., Administrator
c/o Health Standards and Quality Bureau
Attention: Mrs. Sandra Kapport
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to review and comment on the 1987 HCFA Mortality Study data you have provided to us. We have completed our preliminary review of the data and wish to make the following comments:

Specifically with regard to your diagnostic category entitled "low risk heart disease" for St. Luke's Site:

-Upon review of the medical records of the patients you have listed, we have determined that four patients were incorrectly coded to this category. (we have, in accordance with your instructions, separately appended this confidential patient specific information). Corrections for this error would reduce the calculated mortality to 9.9%.

-Furthermore, our review of these medical records indicates that 49% (24/49) of the reported mortalities occured in patients who had undergone major cardiac surgical procedures (principally, coronary artery bypass). While these patients did have a principal diagnosis of coronary atherosclerosis (ICD 9 code 414.0) or unstable angina (ICD 9 code 411.1), which you categorize under low risk heart disease, it does not appear that these major surgical interventions were considered in your assessment of their severity of illness or comorbid factors.

St. Luke's/Roosevelt Hospital Center is justifiably proud of the high quality care it provides to its patients and the 1986 and 1987 data from your study bears this out. However, we continue to have several concerns about the study design you have implemented. The variables of race and socio-economic status, as well as adjustments for severity of illness and/or surgical intervention were not included in your model. These factors play an important role in the review of mortalities, particularly in an institution such as ours which serves a significant number of high risk patients and patients in disadvantaged minority and socio-economic groups. It is our opinion that if these factors were taken into account, our adjusted mortality rates would be even lower than reported.

Again, thank you for the opportunity to comment. Please contact me if you have any questions regarding our response.

Sincerely,

Edmund O. Rothschild, M.D.,
Vice President,
Professional and Academic Affairs

EOR:pjb
Encl

0013A/2

ROSWELL PARK MEM INSTITUTE

666 ELM ST
BUFFALO, NY 14203

Medicare Hospital Provider Number: 330354

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	835	16	17 - 23	858	13	16 - 22
Cancer	171	32	34 - 53	186	33	34 - 54
Cerebrovascular Accidents	1	100	1 - 97	1	0	1 - 97
Gastrointestinal Catastrophes	8	63	15 - 76	4	25	6 - 81
Infectious Disease	12	58	26 - 78	6	67	19 - 85
Metabolic/Electrolyte Disorders	29	66	27 - 64	10	60	13 - 69
Pulmonary Disease	10	60	7 - 64	8	63	19 - 79
Renal Failure	3	33	10 - 93	1	100	0 -100
Severe Acute Heart Disease	2	50	8 - 99	1	0	1 - 97
Severe Chronic Heart Disease	6	17	9 - 70	1	0	0 -100
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	39	5	1 - 22	32	13	1 - 35
Gynecologic Disease	5	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	5	0	0 -100	6	33	0 - 88
Musculoskeletal/Skin Conditions	23	4	1 - 30	21	5	0 - 57
Neuropsychiatric/Sensory Disease	1	0	0 - 99	4	25	2 - 80
Urologic Disease	27	0	0 - 44	36	0	1 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	218
Occupancy Rate (%):	86
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	82
Percent of Physicians Who Are Board Certified Specialists:	79
Interns and Residents:	45
Registered Nurses:	249
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROSWELL PARK MEMORIAL INSTITUTE

Department of Health ▪ State of New York
666 Elm Street ▪ Buffalo, New York, 14263

David Axelrod, M.D.
Commissioner of Health

Thomas B. Tomasi, M.D., Ph.D.
Institute Director

October 24, 1988

MEDICARE PROVIDER NUMBER: 330354

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for giving the Institute an opportunity to review the Medicare Mortality Data prior to its release to the general public. In line with your request for brevity, our comments will be direct.

In reviewing the data from the prerelease information from HCFA, the most striking factor is that our actual mortality rate (32%) is below the range of the predicted mortality (34%-53%) for the calendar year for 1987. What this suggests is that we are doing better in terms of managing the elderly cancer patients than perhaps other hospitals. Although other factors may influence the data, it is nevertheless encouraging to our staff to receive this kind of affirmation with respect to the quality of their performance.

Once again, thank you for sharing the data with us. One suggestion for HCFA to consider might be to organize the data within certain geographic limitations, in order to arrive at a more specific comparison for patients who are from the immediate region of the hospital. In addition, regional centers providing tertiary care should be compared separately from other acute care hospitals which provide primary and secondary care.

Sincerely,

Gerald K Schofield

Gerald K. Schofield
Deputy Director for
Administration

GKS/kb

SALAMANCA DIST HOSP

150 PARKWAY DR
SALAMANCA, NY 14779

Medicare Hospital Provider Number: 330174

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	250	16	11 - 21	277	12	10 - 18
Cancer	10	80	28 - 78	5	40	16 - 87
Cerebrovascular Accidents	17	35	14 - 58	17	18	14 - 52
Gastrointestinal Catastrophes	1	0	3 - 99	7	43	16 - 80
Infectious Disease	5	20	10 - 77	4	0	11 - 75
Metabolic/Electrolyte Disorders	5	20	2 - 75	9	0	6 - 47
Pulmonary Disease	23	35	14 - 53	30	20	15 - 46
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	2	50	5 - 93	4	75	7 - 81
Severe Chronic Heart Disease	16	38	7 - 54	13	8	10 - 47
Severe Trauma	0	-	-	1	0	0 - 97
Gastrointestinal Disease	26	0	1 - 21	28	4	0 - 64
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	18	6	0 - 46	21	5	0 - 54
Musculoskeletal/Skin Conditions	15	0	0 - 70	22	0	0 - 53
Neuropsychiatric/Sensory Disease	17	12	0 - 86	13	8	0 -100
Urologic Disease	4	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	60
Occupancy Rate (%):	53
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SAMARITAN HOSP

2215 BURDETT AVE
TROY, NY 12180

Medicare Hospital Provider Number: 330180

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,784	12	12 - 17	1,819	14	12 - 17
Cancer	80	36	32 - 56	91	48	33 - 57
Cerebrovascular Accidents	75	27	18 - 39	73	26	16 - 38
Gastrointestinal Catastrophes	11	36	21 - 75	19	42	14 - 59
Infectious Disease	37	14	26 - 54	38	21	16 - 47
Metabolic/Electrolyte Disorders	51	25	14 - 43	42	17	17 - 45
Pulmonary Disease	106	32	18 - 39	121	27	20 - 39
Renal Failure	9	11	26 - 83	16	50	19 - 77
Severe Acute Heart Disease	69	48	27 - 52	83	35	29 - 52
Severe Chronic Heart Disease	103	17	16 - 32	84	27	17 - 37
Severe Trauma	1	0	2 - 97	1	0	0 - 98
Gastrointestinal Disease	150	4	1 - 10	143	6	1 - 11
Gynecologic Disease	16	0	0 -100	23	0	0 -100
Low-Risk Heart Disease	224	6	1 - 9	228	6	2 - 9
Musculoskeletal/Skin Conditions	148	3	1 - 8	129	2	1 - 9
Neuropsychiatric/Sensory Disease	36	3	0 - 38	38	0	0 - 23
Urologic Disease	75	3	0 - 14	95	1	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	287
Occupancy Rate (%):	70
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	164
Percent of Physicians Who Are Board Certified Specialists:	79
Interns and Residents:	0
Registered Nurses:	252
Licensed Practical Nurses:	55

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

SARATOGA HOSP

211 CHURCH ST
SARATOGA SPRINGS, NY 12866

Medicare Hospital Provider Number: 330222

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,267	13	11 - 15	1,266	16	11 - 17
Cancer	43	53	29 - 61	44	50	30 - 62
Cerebrovascular Accidents	60	27	16 - 40	50	28	16 - 42
Gastrointestinal Catastrophes	10	30	11 - 66	7	43	11 - 75
Infectious Disease	13	15	8 - 53	14	43	12 - 63
Metabolic/Electrolyte Disorders	33	27	9 - 44	30	27	8 - 45
Pulmonary Disease	83	23	14 - 35	107	35	17 - 37
Renal Failure	5	40	12 - 86	6	17	15 - 82
Severe Acute Heart Disease	59	46	26 - 53	63	41	31 - 56
Severe Chronic Heart Disease	59	15	14 - 34	56	25	14 - 38
Severe Trauma	3	0	3 - 79	4	0	5 - 72
Gastrointestinal Disease	83	7	1 - 18	95	5	1 - 14
Gynecologic Disease	6	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	147	2	2 - 8	124	2	1 - 8
Musculoskeletal/Skin Conditions	111	2	1 - 9	100	4	1 - 12
Neuropsychiatric/Sensory Disease	26	0	0 - 63	58	2	0 - 21
Urologic Disease	38	0	0 - 37	42	5	0 - 39

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	211
Occupancy Rate (%):	86
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	74
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	161
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

the saratoga hospital

Office of the Administrator

October 19, 1988

Health Standards & Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

This letter is in response to the HCFA mortality study that will be published in December 1988. Although I do not have any comments regarding Saratoga Hospital's data, the hospital characteristc information is not accurate. Even though I realize that the 1987 AHA Annual Survey of Hospitals will be used for the publication, I have enclosed the corrected hospital statistics for your review.

Thank you for the opportunity to comment prior to public release of information. I feel that a review and comment period is esstential.

Sincerely,

Wilfred Addison

Wilfred J. Addison
Administrator

Enclosure

211 Church Street Saratoga Springs New York 12866 (518) 584-6000

SCHUYLER HOSP

MONTOUR TOWNSEND RD P O BOX 30
MONTOUR FALLS, NY 14865

Medicare Hospital Provider Number: 330062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	345	7	10 - 17	376	10	10 - 17
Cancer	6	33	18 - 84	7	43	12 - 76
Cerebrovascular Accidents	10	10	11 - 56	8	38	12 - 72
Gastrointestinal Catastrophes	4	0	8 - 73	4	25	7 - 81
Infectious Disease	3	0	2 - 80	4	75	8 - 82
Metabolic/Electrolyte Disorders	22	14	12 - 47	15	27	10 - 56
Pulmonary Disease	20	0	17 - 38	24	13	10 - 41
Renal Failure	1	0	3 - 98	1	0	1 - 97
Severe Acute Heart Disease	12	50	15 - 68	15	40	24 - 70
Severe Chronic Heart Disease	14	14	11 - 51	20	20	10 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	40	0	1 - 13	44	0	0 - 14
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	47	4	2 - 18	48	0	1 - 11
Musculoskeletal/Skin Conditions	32	3	1 - 24	33	0	0 - 26
Neuropsychiatric/Sensory Disease	8	0	0 - 84	12	0	1 - 45
Urologic Disease	2	0	0 -100	8	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	89
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SHEEHAN MEMORIAL HOSP

425 MICHIGAN AVE
BUFFALO, NY 14203

Medicare Hospital Provider Number: 330029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	419	11	8 - 15	536	10	8 - 14
Cancer	10	50	20 - 76	15	40	23 - 70
Cerebrovascular Accidents	18	44	9 - 54	14	7	10 - 45
Gastrointestinal Catastrophes	5	20	9 - 76	7	43	8 - 73
Infectious Disease	5	20	8 - 76	2	0	1 - 90
Metabolic/Electrolyte Disorders	9	0	3 - 47	5	20	4 - 74
Pulmonary Disease	16	31	9 - 54	17	18	10 - 49
Renal Failure	1	0	3 - 98	2	50	3 - 93
Severe Acute Heart Disease	19	32	19 - 60	29	45	20 - 56
Severe Chronic Heart Disease	24	25	9 - 44	18	28	8 - 50
Severe Trauma	4	100	7 - 72	4	75	2 - 81
Gastrointestinal Disease	36	6	0 - 44	39	3	0 - 30
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	51	4	0 - 22	79	3	1 - 12
Musculoskeletal/Skin Conditions	68	0	0 - 15	72	0	0 - 10
Neuropsychiatric/Sensory Disease	5	0	0 -100	11	0	0 - 98
Urologic Disease	4	0	0 -100	11	0	0 - 87

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	79
Occupancy Rate (%):	69
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	114
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	3
Registered Nurses:	57
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SHEEHAN
MEMORIAL
HOSPITAL

A Sheehan
Health Service

Medicare Provider #330029

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, H.C.F.A.
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In reviewing the Medicare mortality information prepared by H.C.F.A., I have identified two discrepancies in the hospital characteristics used to describe Sheehan Memorial Hospital (I.D. 330029) which I would like to call to your attention.

First, the bed count of 72 shown for Sheehan Memorial is incorrect. During 1986, the correct bed count for Sheehan was as follows:

Med./Surg.	91
I.C.U./C.C.U.	8
Burn Care	10
TOTAL	109

Thirty Med./Surg. beds were decertified at the end of 1986, making the current bed count 79.

Second, the actual occupancy rate for 1986 at Sheehan Memorial was 67% and not 83% as reported.

In the category of Severe Trauma, Sheehan Memorial's mortality rate exceeded the predicted range, but it is important to note that all four cases involved were brought to Sheehan, the designated Burn Treatment Center for eight Western New York counties. All four cases were severely burned elderly patients whose cause of death was not due to severe trauma (two died from a myocardial infarction, one from multisystem failure, one from acute pyelonephritis and sepsis).

Sincerely,

Don K. Lyles
President

DKL/kll

SHERIDAN PARK HOSP

300 TWO MILE CREEK RD
TONAWANDA, NY 14150

Medicare Hospital Provider Number: 330345

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	16	0	0 - 73	132	0	0 - 7
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 98	0	-	-
Pulmonary Disease	0	-	-	1	0	1 - 97
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	11	0	0 -100	96	0	0 - 10
Neuropsychiatric/Sensory Disease	3	0	0 -100	18	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	46
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	3
Registered Nurses:	12
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SISTERS OF CHARITY HOSP

2157 MAIN ST
BUFFALO, NY 14214

Medicare Hospital Provider Number: 330078

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,597	12	11 - 15	3,241	11	10 - 15
Cancer	183	40	31 - 51	154	36	33 - 53
Cerebrovascular Accidents	144	26	21 - 37	114	24	21 - 38
Gastrointestinal Catastrophes	40	25	24 - 56	27	30	19 - 57
Infectious Disease	42	33	22 - 54	36	14	18 - 47
Metabolic/Electrolyte Disorders	82	21	15 - 40	81	20	11 - 36
Pulmonary Disease	167	28	19 - 36	121	25	19 - 38
Renal Failure	20	55	18 - 72	14	36	20 - 79
Severe Acute Heart Disease	129	38	30 - 50	124	35	30 - 49
Severe Chronic Heart Disease	166	19	16 - 30	163	25	16 - 31
Severe Trauma	5	20	3 - 75	3	0	7 - 81
Gastrointestinal Disease	253	3	1 - 7	238	4	1 - 8
Gynecologic Disease	30	3	0 -100	37	0	0 -100
Low-Risk Heart Disease	413	3	2 - 6	384	3	2 - 6
Musculoskeletal/Skin Conditions	285	2	1 - 6	284	3	1 - 7
Neuropsychiatric/Sensory Disease	208	0	1 - 5	230	2	1 - 7
Urologic Disease	95	4	0 - 20	83	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	542
Occupancy Rate (%):	77
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	236
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	32
Registered Nurses:	342
Licensed Practical Nurses:	66

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Sisters of Charity Hospital
Answering the call.
Sisters Health Group

2157 Main Street
Buffalo, New York 14214
(716) 862-2000

A. CHARLES MASSARO, MD
VICE PRESIDENT FOR MEDICAL AFFAIRS
(716) 862-2866

October 21, 1988

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

This is a response prepared in answer to your letter of September 15, 1988, concerning selected mortality information about Medicare patients treated at Sisters of Charity Hospital in 1987.

The following comments are being made relative to the data which you sent us which, by the way, is still under review by the hospital's staff:

- It was not practical or possible to verify those patients who expired following discharge but within 30 days of admission.
- Pertaining to this same group of patients, it is also not accurate to attribute death to the last admitting hospital due to the many unknowns between the time of discharge and the time of death.
- Some diagnostic categories contain such a low volume of cases that any unexpected outcome in an individual case could skew the results. (e.g. low volumes in Severe Trauma, Renal Failure and Gynecologic Disease)
- The study and results are of questionable value to consumers, as most consumers may not understand the subtleties of the methodology used in the study itself nor will many consumers take the time and effort needed to fairly assess the results.
- The concept of "quality" remains to be insufficiently defined--both in the minds of health care professionals and certainly in the eyes of consumers.
- Regarding the format of the summary sheet for Medicare Hospital Mortality Information, including a column for ACTUAL NUMBER OF DEATHS would have been helpful in review of the data. Also, the diagnostic category "ALL OTHER CAUSES" given in the detailed data should have been included in the summary table to make the numbers readily cumulative.

- Data verification: The Medical Record Department reviewed the Mortality Report and attempted to verify the results. Out of 414 reported deaths, 50 cases were not able to be verified because they were discharged alive from this hospital and their records reflect this fact. Death after discharge but within 30 days of admission to this hospital could not be assessed. Such is the impracticality of including these records in the mortality data. Of the 364 patients who did expire during their stay at this hospital, 7 discrepancies were found with the actual date of death.

Over the long term, the purpose of the data release should be to assist providers in developing and monitoring the quality of care given in a hospital setting or any other health care setting for the betterment of patient care.

Thank you for this opportunity to comment.

Sincerely,

A. Charles Massaro, M.D.
Vice President for Medical Affairs

ACM/cpm
Encl.

SOLDIERS & SAILORS HOSP

418 N MAIN ST
PENN YAN, NY 14527

Medicare Hospital Provider Number: 330097

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	530	11	10 - 16	538	13	11 - 17
Cancer	21	71	24 - 64	35	57	29 - 64
Cerebrovascular Accidents	26	12	16 - 44	16	38	8 - 55
Gastrointestinal Catastrophes	5	60	8 - 80	6	33	10 - 76
Infectious Disease	5	0	9 - 66	7	43	13 - 77
Metabolic/Electrolyte Disorders	5	40	7 - 79	2	50	0 - 97
Pulmonary Disease	42	10	13 - 35	38	21	16 - 44
Renal Failure	2	50	6 - 95	0	-	-
Severe Acute Heart Disease	18	50	23 - 67	17	29	25 - 67
Severe Chronic Heart Disease	28	11	12 - 38	33	15	13 - 39
Severe Trauma	0	-	-	2	0	1 - 89
Gastrointestinal Disease	44	0	2 - 12	42	2	0 - 25
Gynecologic Disease	11	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	59	2	1 - 13	57	4	1 - 17
Musculoskeletal/Skin Conditions	49	4	0 - 21	41	0	0 - 15
Neuropsychiatric/Sensory Disease	18	6	0 - 79	23	4	0 - 72
Urologic Disease	20	0	1 - 26	21	0	0 - 60

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	133
Occupancy Rate (%):	86
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	0
Registered Nurses:	37
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

S&S
SOLDIERS & SAILORS
MEMORIAL HOSPITAL

THE HOMESTEAD
DUNDEE MEDICAL CENTER
418 North Main Street
Penn Yan, New York 14527-1085
315-536-4431

October 21, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore MD 21207

Medicare Provider #330097

Dear Sir:

This is to forward our comments on the mortality data transmitted to us. We have reviewed the data and have the following observation to make:

Treatment patterns in our region make it likely that mortality at S&S is higher than would otherwise be expected. For example, cancer patients will complete the final stage of their stay at S&S instead of regional referral centers more than an hour away from their home community.

Sincerely,

John D. Kelly
Administrator

JDK/sc

SOUTH NASSAU COMM HOSP

2445 OCEANSIDE RD
OCEANSIDE, NY 11572

Medicare Hospital Provider Number: 330198

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,759	13	12 - 16	3,746	14	12 - 17
Cancer	198	48	31 - 51	189	45	35 - 55
Cerebrovascular Accidents	165	32	20 - 36	167	25	21 - 37
Gastrointestinal Catastrophes	33	36	19 - 56	38	32	21 - 55
Infectious Disease	56	45	25 - 54	69	41	24 - 52
Metabolic/Electrolyte Disorders	52	27	15 - 44	66	32	14 - 42
Pulmonary Disease	141	23	19 - 36	133	39	21 - 41
Renal Failure	16	25	13 - 68	27	33	19 - 71
Severe Acute Heart Disease	180	37	31 - 48	188	37	32 - 48
Severe Chronic Heart Disease	220	21	18 - 31	224	22	18 - 32
Severe Trauma	7	43	5 - 72	4	50	7 - 84
Gastrointestinal Disease	327	2	1 - 6	301	3	2 - 7
Gynecologic Disease	19	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	415	3	2 - 6	373	3	2 - 6
Musculoskeletal/Skin Conditions	297	2	1 - 6	294	4	1 - 7
Neuropsychiatric/Sensory Disease	77	4	0 - 16	105	8	0 - 27
Urologic Disease	192	2	0 - 9	191	2	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	429
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	450
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	15
Registered Nurses:	286
Licensed Practical Nurses:	92

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

SOUTHAMPTON HOSP

240 MEETING HOUSE LANE
SOUTHAMPTON, NY 11968

Medicare Hospital Provider Number: 330340

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,691	12	10 - 14	1,482	15	11 - 16
Cancer	75	56	33 - 59	67	55	29 - 56
Cerebrovascular Accidents	91	30	17 - 37	85	31	16 - 37
Gastrointestinal Catastrophes	22	27	13 - 53	16	25	16 - 61
Infectious Disease	16	44	17 - 65	14	36	16 - 65
Metabolic/Electrolyte Disorders	26	15	10 - 44	21	24	6 - 48
Pulmonary Disease	70	13	14 - 33	77	25	13 - 35
Renal Failure	4	25	5 - 82	3	67	12 - 96
Severe Acute Heart Disease	64	34	23 - 48	80	35	28 - 51
Severe Chronic Heart Disease	85	21	13 - 32	79	27	16 - 37
Severe Trauma	1	0	0 - 99	1	0	2 - 97
Gastrointestinal Disease	169	2	1 - 8	147	5	1 - 10
Gynecologic Disease	14	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	220	1	2 - 6	192	1	2 - 6
Musculoskeletal/Skin Conditions	164	2	1 - 7	136	4	1 - 10
Neuropsychiatric/Sensory Disease	67	6	0 - 28	58	0	0 - 11
Urologic Disease	41	0	1 - 13	48	6	0 - 42

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	194
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	84
Percent of Physicians Who Are Board Certified Specialists:	76
Interns and Residents:	0
Registered Nurses:	129
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

SOUTHSIDE HOSP

MONTAUK HWY
BAY SHORE, NY 11706

Medicare Hospital Provider Number: 330043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,667	14	10 - 15	2,646	15	11 - 15
Cancer	153	46	30 - 51	118	43	32 - 54
Cerebrovascular Accidents	115	21	20 - 37	91	26	18 - 38
Gastrointestinal Catastrophes	28	43	17 - 56	33	45	18 - 55
Infectious Disease	15	20	14 - 57	29	48	19 - 57
Metabolic/Electrolyte Disorders	58	38	11 - 42	60	38	11 - 41
Pulmonary Disease	125	29	17 - 36	127	24	15 - 33
Renal Failure	14	50	17 - 76	13	38	16 - 76
Severe Acute Heart Disease	89	37	25 - 48	119	41	29 - 49
Severe Chronic Heart Disease	186	23	17 - 30	159	24	16 - 32
Severe Trauma	3	33	3 - 86	4	25	8 - 83
Gastrointestinal Disease	222	4	1 - 8	171	1	1 - 6
Gynecologic Disease	18	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	354	3	1 - 6	332	4	2 - 7
Musculoskeletal/Skin Conditions	204	2	1 - 7	202	2	1 - 6
Neuropsychiatric/Sensory Disease	112	1	0 - 9	143	1	1 - 6
Urologic Disease	102	1	0 - 11	87	5	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	493
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

Southside Hospital

Montauk Highway
Bay Shore, NY 11706
516-968-3000

MEDICARE ID #330043

October 19, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health & Human Services
Washington, D.C. 20201

Dear Dr. Roper:

Insofar as we continue to have serious concerns about the use of unconditional, raw Medicare mortality information to measure quality of care, we are pleased to note that HCFA intends to refine its analytic methodologies and data validation techniques. In our own case, this raw data does fall within the "predicted" ranges, and so our comments will focus on the need to refine the existing methodology, rather than defend our performance.

As in 1987, the methodology continues to use data which is not adjusted in any way for the range of factors which could substantially alter the severity of a patient's individual condition.

Factors which we consider particularly noteworthy include:

(1) the patient's age, sex and race may, in and of themselves, present inherent risk factors;

(2) the presence of either high-risk or low-risk secondary diagnoses, which would certainly affect a patient's possible treatment outcome;

(3) the nature and urgency of the patient's admission to the hospital, which would also shed light on the severity of the case; and

(4) transfer information, particularly in cases of patients coming from long-term care facilities, which would also provide a more accurate picture of what should be considered expected or unexpected results.

Until the model and methodology can accommodate severity of illness and other factors we've outlined, we truly believe that the public is not well served by such data, but rather, ends up being frightened, confused, and misinformed.

Sincerely,

Theodore A. Jospe
President

ST AGNES HOSP

305 NORTH ST
WHITE PLAINS, NY 10605

Medicare Hospital Provider Number: 330338

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,226	9	10 - 15	1,173	12	11 - 16
Cancer	49	39	30 - 60	54	50	31 - 61
Cerebrovascular Accidents	61	16	18 - 39	65	17	17 - 38
Gastrointestinal Catastrophes	16	25	15 - 59	13	54	14 - 66
Infectious Disease	15	53	18 - 67	6	0	17 - 68
Metabolic/Electrolyte Disorders	20	25	9 - 50	15	33	6 - 56
Pulmonary Disease	67	21	14 - 37	73	27	15 - 38
Renal Failure	3	0	5 - 81	1	100	3 - 99
Severe Acute Heart Disease	36	31	22 - 53	46	28	23 - 51
Severe Chronic Heart Disease	63	17	15 - 35	64	19	16 - 36
Severe Trauma	0	-	-	1	100	3 - 98
Gastrointestinal Disease	97	1	1 - 8	100	6	1 - 14
Gynecologic Disease	10	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	154	1	2 - 7	164	2	2 - 8
Musculoskeletal/Skin Conditions	116	3	1 - 10	100	3	1 - 11
Neuropsychiatric/Sensory Disease	50	0	0 - 14	68	0	0 - 11
Urologic Disease	61	0	0 - 13	52	2	0 - 28

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	191
Occupancy Rate (%):	(not available)
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

St. Agnes Hospital
305 NORTH STREET
WHITE PLAINS, N.Y. 10605
(914) 681-4500

Medicare Provider #33-0338

October 23, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

We have received our mortality statistics for 1986 - 1987; the data reflects our actual mortalities are within predicted ranges for all categories. We have reviewed the 1986 data through the Quality Assurance Committee, and have found that all care was appropriate and of good quality. There were no adverse trends or patterns noted.

Even though our 1987 statistics are within predicted ranges, the hospital is currently reviewing selected categories to determine if any adverse trends or patterns are notable.

Sincerely,

Robert Stanley

Robert J. Stanley
President/CEO

RJS/cc

ST ANTHONY COMMUNITY HOSP

15-19 MAPLE AVE
WARWICK, NY 10990

Medicare Hospital Provider Number: 330205

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	634	13	11 - 17	544	12	10 - 16
Cancer	21	43	25 - 67	23	57	29 - 70
Cerebrovascular Accidents	26	12	15 - 42	17	35	9 - 53
Gastrointestinal Catastrophes	7	14	10 - 67	5	0	5 - 64
Infectious Disease	4	50	9 - 85	4	100	18 - 81
Metabolic/Electrolyte Disorders	10	10	9 - 56	13	23	6 - 55
Pulmonary Disease	58	22	18 - 41	35	20	15 - 43
Renal Failure	3	100	18 - 94	1	100	1 - 97
Severe Acute Heart Disease	28	54	23 - 60	23	43	18 - 58
Severe Chronic Heart Disease	37	27	13 - 42	31	26	13 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	54	2	0 - 18	44	2	0 - 21
Gynecologic Disease	12	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	52	4	1 - 19	62	0	1 - 9
Musculoskeletal/Skin Conditions	54	0	1 - 10	54	2	0 - 19
Neuropsychiatric/Sensory Disease	37	3	0 - 36	38	0	0 - 32
Urologic Disease	26	0	0 - 34	21	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	73
Occupancy Rate (%):	82
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST BARNABAS HOSP

4422 THIRD AVE
BRONX, NY 10457

Medicare Hospital Provider Number: 330399

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,706	19	14 - 18	2,677	18	13 - 18
Cancer	62	44	27 - 55	62	37	27 - 54
Cerebrovascular Accidents	113	29	20 - 38	145	18	22 - 37
Gastrointestinal Catastrophes	50	28	19 - 50	42	26	16 - 48
Infectious Disease	28	54	21 - 59	43	70	27 - 59
Metabolic/Electrolyte Disorders	64	39	15 - 44	59	29	12 - 41
Pulmonary Disease	358	40	24 - 38	356	41	22 - 37
Renal Failure	29	24	16 - 65	16	38	11 - 69
Severe Acute Heart Disease	70	41	30 - 54	81	26	30 - 51
Severe Chronic Heart Disease	171	22	18 - 33	120	25	18 - 35
Severe Trauma	7	0	12 - 59	1	0	0 - 98
Gastrointestinal Disease	144	8	1 - 13	127	6	2 - 12
Gynecologic Disease	7	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	206	5	2 - 9	202	6	2 - 9
Musculoskeletal/Skin Conditions	236	6	1 - 9	255	7	1 - 9
Neuropsychiatric/Sensory Disease	97	6	1 - 14	94	1	1 - 9
Urologic Disease	44	7	0 - 53	50	4	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	415
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	55
Registered Nurses:	259
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	Yes

Hospital I.D.#: 3303

ST. BARNABAS HOSPITAL
Affiliated with New York Hospital/Cornell Medical Center
Third Avenue and 183rd Street, Bronx, New York 10457

TELEPHONE: 212-960-9000

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Publication of hospital mortality rates unadjusted for severity of illness and socioeconomic status of patients raises more questions than it answers. Authorities from as diverse of backgrounds as the Rand Corporation (Dr. Robert Dubois), the JCAHO (Dr. Dennis O'Leary) and academic medical centers (Dr. William Knaus) have all stated that displaying mortality rates without such adjustments does not meaningfully reflect the quality of medical care rendered.

For this reason, St. Barnabas Hospital applies an objective, well-validated, severity adjustment methodology to analysis of its mortality rates. Using the APACHE II system, we have compared actual to predicted in-hospital mortality rates in several large series of ICU admissions and have focused our medical staff review of mortalities on cases with an initial apparent disparity between real and predicted outcomes.

Through this technique we can demonstrate that our severity-adjusted mortality rates are significantly lower than predicted. For example, our most recent series of 362 ICU admissions showed that our actual mortality rate is almost 12% lower than predicted from the initial severity of illness data. This confirms similar earlier findings. Over the course of each month this amounts to 5 - 10 unexpected survivors due to the quality of care rendered in our ICU alone.

By comparison with published data we have also learned that, as with many other inner-city hospitals, our patients enter the hospital at significantly later or more severe stages of both the principal diagnosis and their underlying and co-morbid health problems. This, of course, explains the small deviation from nationwide, unadjusted norms we note in one of the sixteen HCFA diagnostic categories (Pulmonary Disease) and in the "all causes" lumping together of highly dissimilar cases.

Rather than finding reason for concern in the data published by HCFA, after application of state-of-the-art severity adjustments and expert review we have found incontrovertible evidence of the outstanding dedication and superb skills our nurses, doctors and other staff bring to the challenge of providing high quality health care to a most needy and deserving community here in the Bronx.

Sincerely,

Ronald Gade M.D.

Ronald Gade, M.D.
President

Richard F. Daines

Richard F. Daines, M.D.
Vice President for
Professional Affairs

RG/RFD/gc

ST CHARLES HOSP

200 BELLE TERRE RD
PORT JEFFERSON, NY 11777

Medicare Hospital Provider Number: 330246

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,710	12	11 - 16	1,734	15	11 - 16
Cancer	94	34	30 - 53	109	41	32 - 55
Cerebrovascular Accidents	72	22	18 - 39	83	25	18 - 38
Gastrointestinal Catastrophes	11	27	16 - 68	14	43	16 - 66
Infectious Disease	24	25	17 - 55	10	40	18 - 74
Metabolic/Electrolyte Disorders	45	36	16 - 48	39	33	19 - 53
Pulmonary Disease	94	19	18 - 37	76	32	15 - 39
Renal Failure	2	0	10 - 95	6	67	10 - 81
Severe Acute Heart Disease	59	32	26 - 52	64	34	26 - 51
Severe Chronic Heart Disease	98	32	16 - 35	76	30	15 - 37
Severe Trauma	2	50	1 - 92	0	-	-
Gastrointestinal Disease	125	2	1 - 8	133	5	1 - 11
Gynecologic Disease	19	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	211	2	1 - 7	186	5	1 - 9
Musculoskeletal/Skin Conditions	182	4	1 - 9	173	3	1 - 8
Neuropsychiatric/Sensory Disease	33	6	0 - 44	55	2	0 - 18
Urologic Disease	43	0	0 - 22	74	4	0 - 30

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	271
Occupancy Rate (%):	82
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Compassionate Care of the Sick
Since 1907

ST. CHARLES HOSPITAL
and Rehabilitation Center

200 BELLE TERRE ROAD
PORT JEFFERSON, NEW YORK 11777
(516) 473-2800

October 17, 1988

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The HCFA Mortality Statistics for 1987 have been reviewed. Although in 1986 and again in 1987 our Hospital's actual mortality statistics have fallen within the expected range for a hospital such as ours, we nevertheless have reservations concerning the reliability of this enterprise.

In reviewing our Hospital mortality statistics, a random sample of deaths in the Metabolic/Electrolyte Disturbance category were reviewed and three cases were identified wherein the Metabolic/Electrolyte Disturbance necessitating hospital admission and treatment was dehydration (this diagnosis was the basis for the DRG assignment and hospital reimbursement). All three patients died - not from dehydration - but respectively from pre-existing severe COPD with respiratory failure, pre-existing diffuse metastatic breast cancer and pre-existing severe heart disease. Nevertheless, all three deaths are listed in the Metabolic/Electrolyte Disturbance category in the HCFA statistics, implying that these deaths were due to a disturbance in this category.

Until HCFA finds a way to separate the diagnosis which explains hospital admission and treatment (the diagnosis required for DRG assignment and hospital reimbursement) from the diagnosis to explain death (which may or may not be the same as the diagnosis which explains hospital admission and treatment), the mortality statistics will continue to be highly artificial, conducive to erroneous interpretation and rightfully regarded with healthy skepticism.

Sincerely yours,

Victor L. Cangelosi, M.D.
Vice President for Medical Affairs

VLC:mer

ST CLARES HOSP

600 MCCLELLAN ST
SCHENECTADY, NY 12304

Medicare Hospital Provider Number: 330066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,524	11	10 - 15	2,602	14	11 - 15
Cancer	96	45	29 - 53	99	45	29 - 53
Cerebrovascular Accidents	79	20	17 - 36	115	23	18 - 35
Gastrointestinal Catastrophes	26	46	18 - 58	30	50	20 - 59
Infectious Disease	21	43	18 - 60	22	55	14 - 57
Metabolic/Electrolyte Disorders	23	22	5 - 45	19	42	7 - 53
Pulmonary Disease	185	27	18 - 35	171	23	17 - 33
Renal Failure	10	50	11 - 75	13	69	14 - 73
Severe Acute Heart Disease	142	29	27 - 45	132	38	31 - 50
Severe Chronic Heart Disease	189	16	16 - 29	162	26	18 - 33
Severe Trauma	3	33	7 - 88	1	100	0 -100
Gastrointestinal Disease	248	4	2 - 8	233	3	1 - 7
Gynecologic Disease	16	0	0 -100	28	0	0 -100
Low-Risk Heart Disease	255	2	1 - 6	253	3	2 - 7
Musculoskeletal/Skin Conditions	173	2	1 - 7	181	3	1 - 8
Neuropsychiatric/Sensory Disease	129	3	0 - 11	156	1	0 - 7
Urologic Disease	99	0	0 - 7	98	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	227
Occupancy Rate (%):	83
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

St. Clare's Hospital

600 McClellan Street ■ Schenectady ■ New York 12304 Telephone 518/382-2000

October 7, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: St. Clare's Hospital
600 McClellan Street
Schenectady, New York 12304
I.D. #330066

Dear Mrs. Kappert:

The following are changes in the Hospital Characteristics section of the Medicare Hospital Mortality Information:

Number of Beds: 221
Occupancy Rate: 85.2%
Ownership/Control: Church

Staffing

Total Number of Physicians: 220
Percent of Physicians who are board certified: .70
Interns and Residents per bed: .09
Registered Nurses per bed: 1.3
Licensed Practical Nurses per bed: .31

Specialty Services

Shock/trauma or burn unit - No
Coronary Care Unit - Yes
Organ Transplant service - No
Hospice Care - Yes

If you have any questions, please feel free to contact me at 518-382-2000 extension 5607.

Sincerely,

Thomas A Santoro

Thomas A. Santoro
Vice President, Professional Services

TAS:jmh

ST CLARES HOSP HEALTH CENTER

415 W 51ST ST
NEW YORK, NY 10019

Medicare Hospital Provider Number: 330230

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,000	10	10 - 15	1,069	12	10 - 16
Cancer	42	31	33 - 63	43	40	27 - 58
Cerebrovascular Accidents	19	26	12 - 52	32	28	14 - 46
Gastrointestinal Catastrophes	7	29	13 - 75	12	33	13 - 65
Infectious Disease	18	50	18 - 63	11	73	16 - 68
Metabolic/Electrolyte Disorders	21	29	10 - 52	40	13	12 - 40
Pulmonary Disease	59	24	17 - 41	68	25	17 - 40
Renal Failure	8	25	9 - 73	12	25	12 - 71
Severe Acute Heart Disease	18	33	20 - 63	32	31	25 - 58
Severe Chronic Heart Disease	31	3	15 - 33	30	20	11 - 41
Severe Trauma	1	0	0 - 98	3	33	3 - 86
Gastrointestinal Disease	99	3	1 - 11	76	4	0 - 19
Gynecologic Disease	4	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	102	2	1 - 9	72	0	2 - 8
Musculoskeletal/Skin Conditions	88	2	1 - 10	115	4	1 - 12
Neuropsychiatric/Sensory Disease	98	3	1 - 12	105	3	1 - 11
Urologic Disease	40	0	0 - 16	28	0	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 250
Occupancy Rate (%): 82
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 287
Percent of Physicians Who Are Board Certified Specialists: 63
Interns and Residents: 10
Registered Nurses: 107
Licensed Practical Nurses: 29

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST ELIZABETHS HOSP

2209 GENESEE ST
UTICA, NY 13501

Medicare Hospital Provider Number: 330245

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,053	14	10 - 14	2,042	13	10 - 15
Cancer	75	43	31 - 57	83	45	29 - 55
Cerebrovascular Accidents	81	36	16 - 38	64	34	17 - 42
Gastrointestinal Catastrophes	18	44	13 - 59	19	37	17 - 61
Infectious Disease	14	50	18 - 68	24	46	17 - 58
Metabolic/Electrolyte Disorders	22	18	8 - 46	34	9	10 - 37
Pulmonary Disease	92	37	18 - 40	91	22	19 - 39
Renal Failure	9	78	18 - 79	12	58	16 - 77
Severe Acute Heart Disease	84	46	26 - 49	86	52	30 - 52
Severe Chronic Heart Disease	112	28	17 - 35	106	25	16 - 34
Severe Trauma	4	0	4 - 71	4	50	2 - 83
Gastrointestinal Disease	156	5	1 - 10	138	2	2 - 8
Gynecologic Disease	19	0	0 -100	24	0	0 - 98
Low-Risk Heart Disease	380	2	2 - 5	335	4	2 - 7
Musculoskeletal/Skin Conditions	140	4	0 - 10	162	2	1 - 7
Neuropsychiatric/Sensory Disease	71	8	0 - 24	112	2	0 - 11
Urologic Disease	82	0	0 - 9	87	0	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	227
Occupancy Rate (%):	75
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	108
Percent of Physicians Who Are Board Certified Specialists:	79
Interns and Residents:	18
Registered Nurses:	174
Licensed Practical Nurses:	81

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

St. Elizabeth Hospital
2209 Genesee Street • Utica, New York 13501

330245

October 21, 1988

Comments on the HCFA Mortality Data

1. Data Verification

The following data was reviewed for Medicare patients for 1987:

1) The patient listing provided by HCFA was compared to our UIS Death Listing. This verified the deaths that occurred in St. Elizabeth Hospital.

2) The remaining patients on the list were verified by diagnosis code as being admitted and discharged from St. Elizabeth Hospital.

11. Interpretive Remarks

In all of the diagnostic categories, with the exception of trauma, the hospital's actual mortality rate falls within the HCFA predicted mortality range.

The actual mortality rate of the diagnostic category of trauma falls below the range for predicted mortality. The four cases involved were admitted following falls. Two patients were treated medically and two patients were treated surgically. They were all discharged from the hospital in stable condition within one week of their admission.

St. Elizabeth Hospital offers specialized services to those diagnostic categories having actual mortality rates in the high range for predicted mortality related to the severity of illness.

Mortality review by the medical staff departments is conducted as part of the Quality Assurance Program of St. Elizabeth Hospital in an effort to provide quality health care to our community.

ST. ELIZABETH HOSPITAL

330245
October 21, 1988

HCFA Medicare Mortality Patient Listing

A. Incorrect Date of Death

Med. Rec. #	Patient's Name	H.I.C. #	HCFA's Date	St. E.'s Date
133524	[redacted]	[redacted]	8/5/87	8/4/87
134174	[redacted]	[redacted]	7/17/87	7/18/87

B. Incorrect Discharge Date

68789	[redacted]	[redacted]	12/13/87	12/14/87

C. Incorrect Discharge Date with Prinicipal Diagnosis

Med. Rec. #	Patient's Name	H.I.C. #	Diag.	HCFA's Date	St. E.'s Date
76473	[redacted]	[redacted]	296.34	6/26/87	7/25/87

(Patient admitted 6/26/87 and discharged 6/26/87 with the principal diagnosis of 967.8, was readmitted on 6/26/87 and discharged on 7/25/87 with the principal diagnosis of 296.34.)

D. Incorrect Medical Record Numbers

Incorrect	Correct	Patient's Name	H.I.C. #
075030965A	89042	[redacted]	[redacted]
11717708R	17708	[redacted]	[redacted]
183905	18390	[redacted]	[redacted]
186341	137668	[redacted]	[redacted]
107014536A	47025	[redacted]	[redacted]
86829	86289	[redacted]	[redacted]
1	128761	[redacted]	[redacted]
131568	135168	[redacted]	[redacted]
128328	128628	[redacted]	[redacted]
13389	133893	[redacted]	[redacted]
133478	133748	[redacted]	[redacted]
138004	98628	[redacted]	[redacted]
150010	130010	[redacted]	[redacted]
182932	17687	[redacted]	[redacted]
408048	108048	[redacted]	[redacted]
46979R	46973	[redacted]	[redacted]

ST FRANCIS HOSP

NORTH RD
POUGHKEEPSIE, NY 12601

Medicare Hospital Provider Number: 330067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,925	13	11 - 15	1,914	13	10 - 15
Cancer	59	54	29 - 57	51	41	29 - 58
Cerebrovascular Accidents	64	33	17 - 41	52	19	17 - 40
Gastrointestinal Catastrophes	19	26	14 - 56	21	38	15 - 58
Infectious Disease	19	42	14 - 58	19	37	14 - 58
Metabolic/Electrolyte Disorders	38	37	13 - 48	36	25	12 - 45
Pulmonary Disease	178	19	18 - 33	165	24	18 - 35
Renal Failure	10	30	11 - 73	11	18	8 - 67
Severe Acute Heart Disease	80	39	25 - 48	64	42	25 - 51
Severe Chronic Heart Disease	107	23	14 - 32	108	27	16 - 35
Severe Trauma	6	17	4 - 70	6	33	6 - 74
Gastrointestinal Disease	154	3	1 - 9	151	3	1 - 9
Gynecologic Disease	8	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	243	5	2 - 8	245	4	2 - 8
Musculoskeletal/Skin Conditions	176	3	1 - 8	195	1	1 - 5
Neuropsychiatric/Sensory Disease	52	0	0 - 13	72	4	0 - 29
Urologic Disease	71	4	0 - 24	69	4	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	296
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	262
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

ST FRANCIS HOSP

2221 W STATE ST
OLEAN, NY 14760

Medicare Hospital Provider Number: 330155

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	904	10	10 - 15	893	10	10 - 16
Cancer	21	57	27 - 69	19	58	24 - 68
Cerebrovascular Accidents	40	17	18 - 43	34	15	17 - 43
Gastrointestinal Catastrophes	7	14	16 - 73	7	14	7 - 65
Infectious Disease	10	20	11 - 63	4	25	5 - 80
Metabolic/Electrolyte Disorders	11	9	8 - 52	16	13	11 - 50
Pulmonary Disease	32	22	15 - 46	49	22	18 - 43
Renal Failure	1	100	3 - 99	4	50	7 - 86
Severe Acute Heart Disease	44	39	24 - 54	64	36	28 - 53
Severe Chronic Heart Disease	46	30	13 - 40	47	9	17 - 35
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	72	1	1 - 10	59	5	1 - 19
Gynecologic Disease	12	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	159	3	2 - 8	154	1	2 - 7
Musculoskeletal/Skin Conditions	49	2	1 - 15	43	0	1 - 13
Neuropsychiatric/Sensory Disease	76	0	1 - 8	104	0	1 - 6
Urologic Disease	36	0	0 - 21	47	0	1 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 111
Occupancy Rate (%): 64
Ownership/Control: Church

STAFFING

Total Number of Physicians: 76
Percent of Physicians Who Are Board Certified Specialists: 70
Interns and Residents: 0
Registered Nurses: 66
Licensed Practical Nurses: 46

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST FRANCIS HOSP

PORT WASHINGTON BLVD
ROSLYN, NY 11576

Medicare Hospital Provider Number: 330182

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,645	8	8 - 12	2,495	10	9 - 13
Cancer	47	34	26 - 56	57	30	28 - 55
Cerebrovascular Accidents	75	27	18 - 39	64	33	19 - 43
Gastrointestinal Catastrophes	9	44	17 - 76	16	56	18 - 66
Infectious Disease	19	37	20 - 64	17	47	19 - 66
Metabolic/Electrolyte Disorders	11	27	11 - 63	16	25	6 - 53
Pulmonary Disease	63	33	18 - 43	59	36	18 - 44
Renal Failure	2	50	6 - 95	7	29	14 - 81
Severe Acute Heart Disease	119	29	29 - 48	119	33	31 - 50
Severe Chronic Heart Disease	155	19	17 - 32	136	23	15 - 31
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	109	1	1 - 8	121	2	1 - 8
Gynecologic Disease	4	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	1,019	3	2 - 5	929	3	3 - 6
Musculoskeletal/Skin Conditions	102	2	1 - 9	90	1	0 - 9
Neuropsychiatric/Sensory Disease	28	0	0 - 49	33	0	0 - 38
Urologic Disease	80	0	0 - 13	65	2	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	227
Occupancy Rate (%):	97
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	324
Percent of Physicians Who Are Board Certified Specialists:	91
Interns and Residents:	0
Registered Nurses:	330
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST FRANCIS HOSP

2787 MAIN ST
BUFFALO, NY 14214

Medicare Hospital Provider Number: 330244

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	500	10	8 - 14	538	10	7 - 14
Cancer	16	50	23 - 70	13	62	17 - 67
Cerebrovascular Accidents	16	19	11 - 51	16	38	12 - 57
Gastrointestinal Catastrophes	6	17	7 - 70	3	0	2 - 81
Infectious Disease	0	-	-	3	0	13 - 86
Metabolic/Electrolyte Disorders	12	25	6 - 58	10	40	10 - 67
Pulmonary Disease	21	14	12 - 45	21	14	8 - 42
Renal Failure	4	75	16 - 93	2	50	8 - 98
Severe Acute Heart Disease	14	50	21 - 69	9	56	17 - 74
Severe Chronic Heart Disease	21	19	9 - 45	30	20	12 - 42
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	63	2	1 - 13	51	0	0 - 12
Gynecologic Disease	2	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	27	4	0 - 54	46	4	0 - 22
Musculoskeletal/Skin Conditions	38	5	1 - 22	51	4	1 - 17
Neuropsychiatric/Sensory Disease	87	1	0 - 13	63	0	0 - 11
Urologic Disease	35	3	0 - 50	37	0	0 - 20

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 60
Occupancy Rate (%): 42
Ownership/Control: Church

STAFFING

Total Number of Physicians: 39
Percent of Physicians Who Are Board Certified Specialists: 82
Interns and Residents: 3
Registered Nurses: 41
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

ST JAMES MERCY HOSP

411 CANISTED ST
HORNELL, NY 14843

Medicare Hospital Provider Number: 330151

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,068	9	9 - 14	1,065	8	9 - 14
Cancer	25	32	24 - 62	44	39	27 - 58
Cerebrovascular Accidents	31	29	13 - 45	35	26	16 - 46
Gastrointestinal Catastrophes	9	22	14 - 69	7	14	7 - 65
Infectious Disease	11	18	14 - 62	16	25	13 - 57
Metabolic/Electrolyte Disorders	14	7	9 - 47	3	33	1 - 90
Pulmonary Disease	47	15	17 - 40	45	11	15 - 37
Renal Failure	7	29	13 - 79	8	13	6 - 68
Severe Acute Heart Disease	39	41	25 - 57	40	25	23 - 52
Severe Chronic Heart Disease	47	17	14 - 37	47	30	14 - 41
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	122	2	2 - 8	105	0	1 - 6
Gynecologic Disease	17	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	115	3	1 - 10	116	3	1 - 10
Musculoskeletal/Skin Conditions	113	5	1 - 13	118	0	1 - 6
Neuropsychiatric/Sensory Disease	61	2	1 - 13	59	5	0 - 23
Urologic Disease	53	0	1 - 10	56	0	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	169
Occupancy Rate (%):	95
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	37
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	0
Registered Nurses:	168
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JEROME HOSP

16 BANK ST
BATAVIA, NY 14020

Medicare Hospital Provider Number: 330038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	923	11	10 - 15	896	9	9 - 14
Cancer	27	41	27 - 65	17	41	30 - 75
Cerebrovascular Accidents	47	32	14 - 42	40	35	15 - 45
Gastrointestinal Catastrophes	1	100	3 - 99	4	75	13 - 87
Infectious Disease	4	25	4 - 80	4	0	3 - 71
Metabolic/Electrolyte Disorders	26	42	13 - 53	9	22	6 - 62
Pulmonary Disease	43	7	16 - 36	38	8	16 - 38
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	30	50	22 - 58	19	47	19 - 62
Severe Chronic Heart Disease	72	17	18 - 37	65	18	15 - 35
Severe Trauma	1	0	1 - 97	1	100	0 - 99
Gastrointestinal Disease	67	3	1 - 14	73	3	1 - 12
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	166	2	2 - 7	160	3	1 - 8
Musculoskeletal/Skin Conditions	95	4	0 - 16	88	1	0 - 10
Neuropsychiatric/Sensory Disease	38	3	0 - 34	35	3	1 - 22
Urologic Disease	26	4	0 - 94	34	3	0 - 85

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	99
Occupancy Rate (%):	77
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	50
Percent of Physicians Who Are Board Certified Specialists:	48
Interns and Residents:	0
Registered Nurses:	49
Licensed Practical Nurses:	28

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST. JEROME HOSPITAL
16 BANK STREET/BATAVIA, NEW YORK 14020-2260/TELEPHONE (716) 343-3131

Member of:
Mercy Health System of Western New York
Western New York Catholic Health Care Council
Catholic Health Association
The Hospital Association of New York State
American Hospital Association

Accredited by:
Joint Commission on Accreditation of Hospitals

Medicare Provider Number: 330038

October 21, 1988

Health Standards and Quality
Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Mortality Data

Dear Mrs. Kappert:

As requested in your department's letter of September 15, 1988 the following information regarding St. Jerome Hospital is submitted:

1. The Hospital Characteristics for 1986 should be corrected as follows:

Beds (#):

General Medical & Surgical - Adult	89
General Medical & Surgical - Pediatrics	9
ICU	3
CCU	5
Total	106

Occupancy Rate (%): 78

2. Corrections to Patient Specific Listings attached.

Thank you.

Sincerely,

Sister Margaret Mary
Sister Margaret Mary
Administrator

SMM/mjm
Enclosures

ST JOHNS ESPISCOPAL HOSP

393 FRONT ST
HEMPSTEAD, NY 11550

Medicare Hospital Provider Number: 330395

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,107	16	13 - 17	3,875	16	13 - 17
Cancer	175	46	34 - 54	167	46	35 - 55
Cerebrovascular Accidents	200	23	22 - 36	169	34	22 - 38
Gastrointestinal Catastrophes	27	44	21 - 61	37	30	20 - 54
Infectious Disease	89	36	25 - 50	99	47	27 - 52
Metabolic/Electrolyte Disorders	65	37	14 - 43	54	30	11 - 41
Pulmonary Disease	337	31	22 - 36	280	32	22 - 37
Renal Failure	27	41	17 - 69	37	46	20 - 70
Severe Acute Heart Disease	153	43	32 - 50	162	38	32 - 49
Severe Chronic Heart Disease	227	33	18 - 32	238	27	20 - 33
Severe Trauma	9	67	9 - 68	7	29	7 - 71
Gastrointestinal Disease	262	3	2 - 7	247	5	1 - 8
Gynecologic Disease	16	0	0 -100	33	0	0 -100
Low-Risk Heart Disease	514	3	2 - 6	498	3	2 - 6
Musculoskeletal/Skin Conditions	331	3	1 - 6	363	3	1 - 6
Neuropsychiatric/Sensory Disease	114	4	0 - 12	148	1	1 - 7
Urologic Disease	116	4	0 - 13	112	4	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	300
Ownership/Control:	Church

STAFFING

Interns and Residents:	41
Registered Nurses:	962
Licensed Practical Nurses:	51

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

EPISCOPAL
HEALTH SERVICES INC.
393 Front Street, Hempstead, NY 11550 (516) 560-6400

WILLIAM E. McCAULEY
Executive Vice President

Hospital ID: 330395

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We are pleased to note that our 1986 and 1987 actual mortality rates of 16% are within HCFA's range of predicted mortality (13% - 17%) in both calendar years for all causes of death.

It is important to note, however, that the Medicare data reflects 1987 discharges pooled from Episcopal Health Services' two hospitals -- St. John's Episcopal Hospital in Smithtown, NY, and St. John's Episcopal Hospital in Far Rockaway, NY. This is a consequence of our one Medicare provider number.

Only one of the diagnostic categories, SEVERE CHRONIC HEART DISEASE, fell outside the range for predicted mortality in 1987, with an actual mortality rate of 33%. (The range for predicted mortality given for SEVERE CHRONIC HEART DISEASE was 18% - 32%.) The data showed 227 total Medicare cases and 75 deaths in this diagnostic category. Upon receiving the HCFA data in September, we undertook an analysis of these 75 deaths. Of the total 75 deaths, 42 of the mortalities were admitted to our Far Rockaway hospital and 33 were admitted to our hospital in Smithtown.

The results of our analysis of the mortalities in the category, SEVERE CHRONIC HEART DISEASE, were as follows:

--33% of patients at St. John's in Smithtown and 29% of patients at St. John's in Far Rockaway died within 48 hours of admission

--12% of patients at St. John's in Smithtown and 40% of patients at St. John's in Far Rockaway had Medicaid as a secondary payor

--61% of patients at St. John's in Smithtown and 57% of patients at St. John's in Far Rockaway were admitted through the Emergency Room; 19% of patients at St. John's in Far Rockaway were admitted from a nursing home

--80.7 years was the average age of the patients at St. John's in Smithtown, and 82.4 years was the average age of the patients at St. John's in Far Rockaway

--97% of patients at St. John's in Smithtown were admitted as emergencies, and 91% of patients at St. John's in Far Rockaway were admitted as emergent/urgent

--The average number of secondary diagnoses was 5.2 per patient at St. John's in Smithtown and 6.2 per patient at St. John's in Far Rockaway

--The average number of body systems involved was 3.2 per patient at St. John's in Smithtown and 3.6 per patient at St. John's in Far Rockaway

--85% of patients at St. John's in Smithtown and 62% of patients at St. John's in Far Rockaway had a primary diagnosis of CONGESTIVE HEART FAILURE; 31% of patients at St. John's in Far Rockaway had a primary diagnosis of LEFT HEART FAILURE

--85% of patients at St. John's in Smithtown and 67% of patients at St. John's in Far Rockaway were in DRG 127, HEART FAILURE AND SHOCK; 19% of patients at St. John's in Far Rockaway were in DRG 123, CIRCULATORY DISORDER WITH AMI - EXPIRED

In seeking to explain the reasons why our rate was 1% higher than the range predicted by HCFA's model, we observe from the analysis of the 75 mortalities that the patients were elderly, severely ill at the time of admission and had roughly 3 or 4 body systems involved in their illnesses. We have initiated a study to determine the circumstances of the few patients who died following discharge.

Along with the mortality data that we received in September were hospital characteristics obtained from the American Hospital Association's 1986 Annual Survey of Hospitals. The hospital characteristics represented only one of our two hospitals and were blatantly inaccurate. We brought this fact to the attention of HCFA and the AHA. We understand that it will not be possible for HCFA to separate out the mortality data for each individual hospital and have requested that the 1987 AHA hospital characteristics reflect characteristics for both hospitals separately.

In closing, we wish to applaud the continued refinement of the analystical methodologies and data validation techniques on the part of HCFA. We anticipate that future releases will reflect progress toward more accurate and useful information, i.e., statistical measures to deal with severity of illness.

Sincerely,

William E. McCauley

William E. McCauley
Executive Vice President

ST JOHNS RIVERSIDE HOSP
976 N BROADWAY
YONKERS, NY 10701

Medicare Hospital Provider Number: 330208

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,217	9	10 - 15	2,077	11	10 - 15
Cancer	92	36	32 - 55	81	53	31 - 57
Cerebrovascular Accidents	64	27	18 - 41	79	29	18 - 40
Gastrointestinal Catastrophes	24	21	20 - 57	17	24	19 - 62
Infectious Disease	61	36	22 - 50	42	36	21 - 54
Metabolic/Electrolyte Disorders	41	20	11 - 42	36	14	9 - 39
Pulmonary Disease	92	26	18 - 39	61	20	15 - 38
Renal Failure	8	38	14 - 80	4	100	12 - 81
Severe Acute Heart Disease	74	22	28 - 50	102	21	28 - 47
Severe Chronic Heart Disease	123	15	18 - 33	141	21	16 - 32
Severe Trauma	3	0	3 - 80	3	33	2 - 86
Gastrointestinal Disease	215	0	2 - 6	209	3	2 - 7
Gynecologic Disease	25	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	326	2	2 - 6	278	2	2 - 6
Musculoskeletal/Skin Conditions	183	1	1 - 5	180	2	1 - 7
Neuropsychiatric/Sensory Disease	54	4	0 - 22	61	0	1 - 9
Urologic Disease	132	3	0 - 14	82	0	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	273
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	131
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	189
Licensed Practical Nurses:	29

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH INTERCOMMUNITY HOSP

2605 HARLEM RD
CHEEKTOWAGA, NY 14225

Medicare Hospital Provider Number: 330091

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,681	12	10 - 14	2,444	14	11 - 15
Cancer	86	43	30 - 55	82	57	33 - 58
Cerebrovascular Accidents	148	26	19 - 35	123	27	19 - 37
Gastrointestinal Catastrophes	21	29	15 - 56	28	32	20 - 57
Infectious Disease	18	28	16 - 58	24	46	12 - 54
Metabolic/Electrolyte Disorders	53	19	13 - 41	41	24	12 - 43
Pulmonary Disease	96	29	17 - 38	75	29	18 - 41
Renal Failure	20	35	17 - 71	10	50	10 - 74
Severe Acute Heart Disease	114	50	29 - 50	157	35	30 - 48
Severe Chronic Heart Disease	183	27	16 - 31	164	30	16 - 32
Severe Trauma	1	100	2 - 97	2	50	0 - 94
Gastrointestinal Disease	263	2	1 - 6	226	3	1 - 7
Gynecologic Disease	14	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	329	2	2 - 5	335	3	2 - 6
Musculoskeletal/Skin Conditions	229	2	1 - 6	233	3	1 - 7
Neuropsychiatric/Sensory Disease	195	1	1 - 6	150	2	1 - 8
Urologic Disease	99	0	0 - 7	70	3	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	213
Occupancy Rate (%):	84
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	164
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	155
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPHS HOSP

127 S BROADWAY
YONKERS, NY 10701

Medicare Hospital Provider Number: 330006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,617	16	13 - 18	1,629	15	12 - 17
Cancer	50	46	29 - 59	48	38	28 - 58
Cerebrovascular Accidents	68	26	18 - 41	76	21	19 - 39
Gastrointestinal Catastrophes	22	32	17 - 58	27	22	17 - 53
Infectious Disease	19	32	20 - 62	34	35	24 - 59
Metabolic/Electrolyte Disorders	57	35	13 - 43	46	35	14 - 46
Pulmonary Disease	121	31	23 - 43	128	32	21 - 40
Renal Failure	6	33	9 - 79	11	55	18 - 80
Severe Acute Heart Disease	62	42	30 - 56	68	29	30 - 53
Severe Chronic Heart Disease	98	23	17 - 35	82	35	14 - 36
Severe Trauma	2	0	6 - 90	0	-	-
Gastrointestinal Disease	121	7	2 - 13	124	3	1 - 10
Gynecologic Disease	8	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	169	1	2 - 6	167	4	2 - 9
Musculoskeletal/Skin Conditions	121	6	1 - 12	127	3	1 - 10
Neuropsychiatric/Sensory Disease	38	3	0 - 27	44	0	0 - 25
Urologic Disease	58	2	0 - 25	58	2	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	194
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	221
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	22
Registered Nurses:	117
Licensed Practical Nurses:	46

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPHS HOSP

555 E MARKET ST
ELMIRA, NY 14902

Medicare Hospital Provider Number: 330108

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,512	11	10 - 14	1,538	11	9 - 14
Cancer	56	34	25 - 53	47	47	25 - 56
Cerebrovascular Accidents	51	27	17 - 43	58	29	16 - 40
Gastrointestinal Catastrophes	17	24	18 - 61	13	38	12 - 64
Infectious Disease	28	32	17 - 54	21	29	11 - 53
Metabolic/Electrolyte Disorders	26	31	9 - 48	29	14	8 - 40
Pulmonary Disease	73	25	15 - 38	61	23	15 - 39
Renal Failure	5	40	14 - 88	0	-	-
Severe Acute Heart Disease	53	42	24 - 52	59	42	25 - 52
Severe Chronic Heart Disease	94	21	15 - 33	73	25	13 - 34
Severe Trauma	8	0	15 - 59	7	29	7 - 71
Gastrointestinal Disease	102	3	1 - 10	105	3	1 - 11
Gynecologic Disease	11	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	155	3	1 - 8	111	3	1 - 9
Musculoskeletal/Skin Conditions	202	1	1 - 5	197	3	1 - 7
Neuropsychiatric/Sensory Disease	78	0	1 - 8	181	2	0 - 7
Urologic Disease	44	5	0 - 65	38	0	0 - 29

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	260
Occupancy Rate (%):	80
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	144
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	217
Licensed Practical Nurses:	49

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPHS HOSP HEALTH CENTER

301 PROSPECT AVE
SYRACUSE, NY 13203

Medicare Hospital Provider Number: 330140

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,877	13	10 - 14	3,697	13	11 - 15
Cancer	155	42	29 - 50	180	36	32 - 52
Cerebrovascular Accidents	148	22	19 - 34	159	34	19 - 36
Gastrointestinal Catastrophes	37	32	18 - 53	37	30	19 - 53
Infectious Disease	33	33	17 - 52	23	35	14 - 54
Metabolic/Electrolyte Disorders	47	32	15 - 47	52	29	15 - 45
Pulmonary Disease	171	32	19 - 36	145	25	21 - 38
Renal Failure	22	32	14 - 66	26	42	13 - 67
Severe Acute Heart Disease	181	34	30 - 47	152	32	31 - 48
Severe Chronic Heart Disease	211	25	17 - 31	177	23	17 - 32
Severe Trauma	2	0	0 - 94	1	100	0 - 98
Gastrointestinal Disease	285	4	1 - 7	300	3	2 - 7
Gynecologic Disease	23	4	0 -100	27	0	0 - 42
Low-Risk Heart Disease	586	4	2 - 6	534	4	2 - 6
Musculoskeletal/Skin Conditions	345	3	1 - 6	285	4	1 - 7
Neuropsychiatric/Sensory Disease	87	9	1 - 19	82	0	1 - 7
Urologic Disease	165	0	0 - 5	130	2	1 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	429
Occupancy Rate (%):	85
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	334
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	50
Registered Nurses:	403
Licensed Practical Nurses:	209

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

St. Joseph's Hospital Health Center
301 Prospect Avenue
Syracuse, N.Y. 13203

October 21, 1988

William L. Roper, M.D.
Administrator
Department of Health & Human Services
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

This will acknowledge receipt of the 1986-1987 mortality data recently computed by the Health Care Financing Administration for this hospital. We note that the report indicates that this hospital's experience falls within the range for predicted mortality for calendar year, 1987. We have noted with respect to 1986 and 1987 that there were two Medicare admissions to the trauma category in 1987 and one Medicare admission in 1986. The two patients in 1987 survived and the one patient in 1986 expired. Since we were not provided with specific information for calendar year, 1986, we are unable to verify whether this one patient should have been in this category, if indeed this patient expired. Further, we do not believe the quantitative evaluations based on one or two patients are statistically valid, and we would suggest that you eliminate very small populations from your analysis in the future.

We are in agreement with the observation made in your letter of September 15, 1988 that this information by itself cannot be used to make judgments about quality of care in an individual hospital or to make comparisons among hospitals, since the information does not address a number of complex issues, including severity of illness.

The information which you have forwarded is being used, together with a variety of other parameters in the ongoing review of our patient care programs.

Sincerely,

James H. Abbott
President

tml

ST LAWRENCE PSYCH CENTER M/S UNIT

STATION A
OGDENSBURG, NY 13669

Medicare Hospital Provider Number: 330369

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	111	6	4 - 15	116	10	2 - 16
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	4	0	1 - 74	0	-	-
Pulmonary Disease	2	0	6 - 90	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	3 - 98	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	2	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	2	0	0 -100	12	8	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#): 44
Ownership/Control: State Government

STAFFING

Interns and Residents: 0
Registered Nurses: 25
Licensed Practical Nurses: 17

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST LUKES HOSP CENTER

AMSTERDAM AVE 114TH ST
NEW YORK, NY 10025

Medicare Hospital Provider Number: 330120

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,406	13	11 - 15	3,590	11	11 - 15
Cancer	150	38	31 - 52	175	35	32 - 52
Cerebrovascular Accidents	137	26	19 - 35	140	19	20 - 35
Gastrointestinal Catastrophes	46	15	22 - 50	44	27	18 - 50
Infectious Disease	65	38	23 - 51	45	33	19 - 51
Metabolic/Electrolyte Disorders	88	18	11 - 35	68	25	12 - 39
Pulmonary Disease	141	28	19 - 37	162	22	19 - 36
Renal Failure	18	6	6 - 55	25	28	11 - 64
Severe Acute Heart Disease	104	38	29 - 50	105	28	31 - 51
Severe Chronic Heart Disease	156	21	15 - 30	188	20	17 - 31
Severe Trauma	4	50	7 - 84	2	100	2 - 89
Gastrointestinal Disease	201	3	2 - 8	180	3	1 - 8
Gynecologic Disease	24	0	0 -100	33	3	0 -100
Low-Risk Heart Disease	453	11	2 - 9	474	8	3 - 8
Musculoskeletal/Skin Conditions	252	4	1 - 8	225	3	1 - 7
Neuropsychiatric/Sensory Disease	234	1	1 - 6	281	1	1 - 5
Urologic Disease	143	3	0 - 12	150	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	632
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	450
Registered Nurses:	600
Licensed Practical Nurses:	98

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST. LUKE'S\ROOSEVELT
Hospital Center

Amsterdam Avenue at 114th Street, New York, NY 10025

Edmund O. Rothschild, M.D., F.A.C.P.
Vice President
Professional and Academic Affairs

The Roosevelt Hospital
St. Luke's Hospital
Woman's Hospital

October 23, 1988

Hospital I.D. Numbers:.
St. Luke's Site: 330120
Roosevelt Site: 330046

William L. Roper, M.D., Administrator
c/o Health Standards and Quality Bureau
Attention: Mrs. Sandra Kapport
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to review and comment on the 1987 HCFA Mortality Study data you have provided to us. We have completed our preliminary review of the data and wish to make the following comments:

Specifically with regard to your diagnostic category entitled "low risk heart disease" for St. Luke's Site:

-Upon review of the medical records of the patients you have listed, we have determined that four patients were incorrectly coded to this category. (we have, in accordance with your instructions, separately appended this confidential patient specific information). Corrections for this error would reduce the calculated mortality to 9.9%.

-Furthermore, our review of these medical records indicates that 49% (24/49) of the reported mortalities occured in patients who had undergone major cardiac surgical procedures (principally, coronary artery bypass). While these patients did have a principal diagnosis of coronary atherosclerosis (ICD 9 code 414.0) or unstable angina (ICD 9 code 411.1), which you categorize under low risk heart disease, it does not appear that these major surgical interventions were considered in your assessment of their severity of illness or comorbid factors.

St. Luke's/Roosevelt Hospital Center is justifiably proud of the high quality care it provides to its patients and the 1986 and 1987 data from your study bears this out. However, we continue to have several concerns about the study design you have implemented. The variables of race and socio-economic status, as well as adjustments for severity of illness and/or surgical intervention were not included in your model. These factors play an important role in the review of mortalities, particularly in an institution such as ours which serves a significant number of high risk patients and patients in disadvantaged minority and socio-economic groups. It is our opinion that if these factors were taken into account, our adjusted mortality rates would be even lower than reported.

Again, thank you for the opportunity to comment. Please contact me if you have any questions regarding our response.

Sincerely,

Edmund O. Rothschild, M.D.,
Vice President,
Professional and Academic Affairs

EOR:pjb
Encl

0013A/2

ST LUKES HOSP OF NEWBURGH

70 DUBOIS ST
NEWBURGH, NY 12550

Medicare Hospital Provider Number: 330209

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,673	13	11 - 15	1,744	11	11 - 15
Cancer	69	45	30 - 56	68	40	32 - 59
Cerebrovascular Accidents	83	27	18 - 38	87	21	19 - 38
Gastrointestinal Catastrophes	11	36	15 - 69	16	44	13 - 62
Infectious Disease	18	28	17 - 59	20	35	15 - 58
Metabolic/Electrolyte Disorders	44	23	11 - 42	46	17	11 - 39
Pulmonary Disease	98	23	20 - 39	69	22	13 - 35
Renal Failure	4	0	12 - 80	9	44	19 - 85
Severe Acute Heart Disease	73	38	26 - 50	68	32	28 - 52
Severe Chronic Heart Disease	124	27	14 - 31	135	26	15 - 32
Severe Trauma	2	100	1 - 90	3	33	5 - 87
Gastrointestinal Disease	115	1	1 - 7	145	3	1 - 8
Gynecologic Disease	13	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	213	2	2 - 6	215	3	2 - 8
Musculoskeletal/Skin Conditions	132	1	1 - 6	129	0	1 - 5
Neuropsychiatric/Sensory Disease	62	3	1 - 16	90	0	1 - 7
Urologic Disease	49	0	0 - 17	62	2	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	242
Occupancy Rate (%):	78
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	118
Percent of Physicians Who Are Board Certified Specialists:	53
Interns and Residents:	0
Registered Nurses:	191
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST LUKES MEMORIAL HOSP CENTER

BOX479
UTICA, NY 13503

Medicare Hospital Provider Number: 330044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,335	13	11 - 15	2,271	12	11 - 15
Cancer	82	41	27 - 52	81	41	29 - 54
Cerebrovascular Accidents	104	28	18 - 37	107	30	20 - 39
Gastrointestinal Catastrophes	23	39	14 - 56	24	33	14 - 55
Infectious Disease	21	19	23 - 60	26	23	21 - 57
Metabolic/Electrolyte Disorders	39	21	12 - 43	42	24	14 - 45
Pulmonary Disease	130	27	17 - 36	115	24	17 - 36
Renal Failure	18	44	14 - 69	21	48	17 - 72
Severe Acute Heart Disease	117	35	27 - 47	104	36	29 - 50
Severe Chronic Heart Disease	142	20	17 - 32	131	21	16 - 32
Severe Trauma	5	80	9 - 77	4	0	3 - 72
Gastrointestinal Disease	198	3	1 - 8	199	2	2 - 7
Gynecologic Disease	23	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	215	4	1 - 8	238	6	2 - 9
Musculoskeletal/Skin Conditions	188	2	1 - 7	199	2	1 - 7
Neuropsychiatric/Sensory Disease	57	2	0 - 16	96	1	0 - 9
Urologic Disease	151	2	0 - 10	111	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	299
Occupancy Rate (%):	87
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	139
Percent of Physicians Who Are Board Certified Specialists:	62
Interns and Residents:	0
Registered Nurses:	289
Licensed Practical Nurses:	67

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST LUKE'S
MEMORIAL
HOSPITAL
CENTER

Post Office Box 479, Utica, New York 13503 315-798-6000

October 19, 1988

William L. Roper, MD
Department of Health & Human Services
Health Care Financing Administration
P.O. Box 26684
Baltimore, Maryland 21207

Dear Dr. Roper,

We have reviewed the mortality data scheduled to be released by HCFA in December 1988. Although our facility's actual mortality rates fall within the predicted ranges in the overall mortality rate and in 15 of the 16 diagnostic categories analyzed, we would once again like to take this opportunity to express our concern regarding the release of this information in a meaningful context.

In developing these statistics, HCFA's principal intention was for hospitals to use this data to identify areas for review and thus enhance hospital quality assurance programs already in existence. The Quality Assurance Committee of St. Luke's-Memorial Hospital Center monitors many indicators of quality of care rendered including, but not limited to, mortality and develops corrective action when and if problems or potential quality issues become apparent. Organizations such as the American Hospital Association and Joint Commission on Accreditation of Healthcare Organizations are currently investigating methods of measuring quality that do not rely solely on mortality rates, thus implying that analyzing mortality alone and trying to compare to quality rendered is not truly appropriate.

The rendering and monitoring of quality care is of utmost importance to the Board of Trustees, Administration, Medical Staff and employees of this facility. The Administration of this facility feels it would be a disservice to the community it serves to release such information without sharing our concerns.

As with any complex statistical compilation and/or comparison, misinterpretation and public apprehension are possibilities. Our concern is that the implied suggestion of this statistical analysis appears to be that mortality rates are a direct measure of quality of care rendered and thus hospital performance. The community as health care consumers have a legitimate interest in and right to valid and useful information. We are hopeful that the following comments regarding this analysis will assist those concerned to place mortality data into proper perspective.

In considering this data, the reader must be aware that the population studied included Medicare patients only. Worthy of note is that the average age of patients who expired during hospitalization at St. Luke'-Memorial Hospital or 30 days post admission was 79.3 years. Life expectancy for males is 71.2 years and for females is 78.2 years (U.S. Department of Commerce, Bureau of the Census, 1987 Edition). The fact that the data reflects deaths that occurred 30 days post admission obviously inflates mortality rates.

An issue that must be considered by the public and should be included on a case per case basis in HCFA's future analysis of mortality data is if "Do Not Resuscitate" (DNR) orders were in effect. Indepth medical record review of the five Severe Trauma cases that caused our mortality data to be out of range in this category revealed that in 4 out of 5 cases, DNR orders were in effect. These decisions obviously affect outcomes and are directly reflected in mortality data. Because this information is not included on a case per case basis in the analysis, the percentage figures portray an incomplete picture of the hospital's potential response in these cases. Furthermore, it is interesting to note that 4 out of 5 patients in this category were transferred from area skilled nursing facilities with the principal diagnosis being traumatic subdural hematoma resulting from falls. These obviously were not classic cases of "trauma" such as car accidents or other environmentally caused injuries that the word "trauma" might bring to the public's mind.

HCFA included selected hospital characteristics to be included in this release. This is a positive step, but does not include all unique services that attract certain patient populations. In reviewing or comparing this information, the health care consumer must consider the services rendered by each facility. For example, St. Luke's-Memorial Hospital Center has the only renal dialysis center in the city, an oncology unit and the largest intensive care unit. With this in mind, it bcomes apparent that we provide services to the chronically, acutely and terminally ill Medicare population in the area.

In summary, the public must be aware that mortality data cannot be used to measure quality of care rendered by a facility. HCFA's predictive model lacks specific clinical data on the severity of illness of individual patients. Mortality review is only one of several factors considered in comprehensive quality monitoring. The existence of quality problems are determined by each facility through indepth analysis of individual medical records. Comparing results with a national average is inappropriate since each facility and the patients it treats are not "average". Negative outcomes can result even when there are not deficiencies in complying with the accepted standard of care.

Again, although we are pleased that our data falls within the predicted range in the overall mortality rate and in 15 of the 16 individual categories, we continue to be concerned that the data does not portray the actual experience of the hosptial.

Sincerely,

Andrew E. Peterson
Executive Director

ST MARYS HOSP

427 GUY PARK AVE
AMSTERDAM, NY 12010

Medicare Hospital Provider Number: 330047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,158	11	11 - 16	1,038	13	12 - 17
Cancer	31	45	30 - 66	36	47	30 - 64
Cerebrovascular Accidents	49	29	19 - 45	52	19	16 - 39
Gastrointestinal Catastrophes	13	31	19 - 68	7	29	7 - 70
Infectious Disease	8	13	16 - 68	11	36	15 - 69
Metabolic/Electrolyte Disorders	16	44	15 - 63	19	37	16 - 60
Pulmonary Disease	95	20	15 - 34	91	32	15 - 37
Renal Failure	4	50	12 - 90	7	71	20 - 88
Severe Acute Heart Disease	53	23	25 - 49	53	25	27 - 51
Severe Chronic Heart Disease	78	22	13 - 32	77	14	17 - 34
Severe Trauma	0	-	-	3	33	2 - 87
Gastrointestinal Disease	93	1	1 - 8	78	3	1 - 12
Gynecologic Disease	11	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	174	2	2 - 7	122	2	1 - 9
Musculoskeletal/Skin Conditions	74	4	1 - 15	79	5	0 - 17
Neuropsychiatric/Sensory Disease	32	6	0 - 66	45	2	0 - 26
Urologic Disease	59	3	0 - 47	63	2	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	118
Occupancy Rate (%):	91
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	72
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	105
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSP

1300 MASSACHUSETTS AV
TROY, NY 12180

Medicare Hospital Provider Number: 330232

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,853	11	11 - 15	1,781	11	11 - 15
Cancer	88	41	28 - 52	57	51	32 - 61
Cerebrovascular Accidents	91	21	17 - 35	65	22	21 - 42
Gastrointestinal Catastrophes	15	40	19 - 67	8	13	12 - 65
Infectious Disease	11	18	16 - 64	19	21	13 - 53
Metabolic/Electrolyte Disorders	21	5	8 - 38	18	33	6 - 53
Pulmonary Disease	143	19	18 - 35	155	23	20 - 37
Renal Failure	6	33	15 - 85	9	78	19 - 81
Severe Acute Heart Disease	57	37	25 - 51	49	29	27 - 54
Severe Chronic Heart Disease	107	26	15 - 33	120	23	16 - 33
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	171	3	2 - 8	167	3	2 - 9
Gynecologic Disease	12	8	0 -100	6	0	0 -100
Low-Risk Heart Disease	266	2	2 - 6	280	3	2 - 6
Musculoskeletal/Skin Conditions	155	5	1 - 10	165	2	1 - 8
Neuropsychiatric/Sensory Disease	39	3	0 - 28	36	3	0 - 61
Urologic Disease	68	3	0 - 17	79	3	1 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 201
Occupancy Rate (%): 79
Ownership/Control: Church

STAFFING

Total Number of Physicians: 132
Percent of Physicians Who Are Board Certified Specialists: 78
Interns and Residents: 0
Registered Nurses: 182
Licensed Practical Nurses: 55

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST MARYS HOSP

89 GENESEE ST
ROCHESTER, NY 14611

Medicare Hospital Provider Number: 330275

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,943	14	12 - 16	1,868	12	10 - 15
Cancer	72	46	28 - 55	66	33	29 - 55
Cerebrovascular Accidents	103	23	19 - 37	64	27	18 - 41
Gastrointestinal Catastrophes	15	27	20 - 66	12	17	9 - 56
Infectious Disease	13	31	18 - 67	6	33	10 - 77
Metabolic/Electrolyte Disorders	39	18	9 - 40	29	28	9 - 46
Pulmonary Disease	128	38	23 - 43	115	30	21 - 41
Renal Failure	19	58	20 - 75	16	38	14 - 71
Severe Acute Heart Disease	97	49	31 - 53	89	39	30 - 52
Severe Chronic Heart Disease	91	22	16 - 34	92	24	15 - 34
Severe Trauma	4	50	7 - 84	2	0	1 - 90
Gastrointestinal Disease	106	1	2 - 8	87	5	1 - 13
Gynecologic Disease	14	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	121	2	1 - 9	147	5	1 - 10
Musculoskeletal/Skin Conditions	123	1	1 - 7	130	3	1 - 10
Neuropsychiatric/Sensory Disease	392	1	1 - 5	367	0	1 - 4
Urologic Disease	51	4	0 - 37	52	4	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	201
Occupancy Rate (%):	81
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	59
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	30
Registered Nurses:	201
Licensed Practical Nurses:	41

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST. MARY'S HOSPITAL

89 Genesee Street
Rochester, NY 14611
716•464•3000

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Ms. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

St. Mary's Hospital recently received the Health Care Financing Administration's (HCFA) Medicare mortality data. I am pleased to report that our internal examination of this data, for verification purposes, has provided results consistent with those produced by HCFA. This information will be useful to the hospital in identifying areas for review and analysis as part of our ongoing quality assurance program.

I would like to comment briefly on several points including our current quality assurance activities, service area population, the process used in reviewing the HCFA data and follow-up activities to be performed by St. Mary's Hospital.

Quality Assurance Activities

St. Mary's Hospital has an active quality assurance program which includes measuring all patient-related activities against a set of standards which are reviewed and, when necessary, revised on an ongoing basis to reflect changes in practice patterns, technology or professional standards. Outcomes are then measured against these standards and corrective actions taken when quality standards have not been met. Our quality assurance program involves staff in all areas of the hospital and reports on an ongoing basis to the hospital's Medical Board and Board of Trustees.

Clearly, the measurement of quality has become a key issue for all health care providers. St. Mary's has recently joined with several other Rochester hospitals to put into place a new system, Medisgroups, which would define and measure quality of care and provide a means for assessing severity of patient illness.

St. Mary's Service Area

As a Daughter of Charity Hospital, it is St. Mary's mission to provide high quality care to the poor and medically indigent. St. Mary's service area is characterized by the following:

- a considerable elderly population
- a high dependency ratio
- a high non-white population
- a high percentage of the population with mean incomes at or below the federal poverty level

The primary service area has one of the highest concentrations of health problems in the region and in upstate New York. Prime among these problems are:

- high infant mortality
- high teenage pregnancy rates
- high non-violent/non-accidental mortality rates
- high rates of stroke and heart disease

In short, St. Mary's service area is considered a medically underserved area with significant healthcare and health provider needs. We continue to observe a shortage of primary care (physician) services which significantly affects the general health of residents in this area. It is our sense that the population we serve accesses the system only when their health has reached a crisis or emergent stage. We continue to see a growing number of severely ill patients through our Emergency Department.

St. Mary's is committed to developing a more adequate primary care base to address these needs and promote appropriate health care provision and access. Opportunities for preventive services, education and community outreach activities have also been developed to enhance the quality of life for those we serve.

Review Process and Follow-up Activities

The HCFA data has been reviewed, for verification purposes, by St. Mary's administration and other key areas such as quality assurance, utilization review and medical records with results consistent to those presented by HCFA. We are pleased that our results from all 16 categories are well within the "predicted range of mortality rates".

It is difficult to verify all the Medicare deaths post-discharge. Currently, we are reviewing the charts for all the out-of-hospital deaths to assess whether death was a likely prognosis at discharge. This information should be available within one month. This review will be fed into our quality assurance program and, where appropriate, follow-up with the attending physician will occur.

The HCFA mortality data will also be reviewed at the next meetings of the medical staff and Board. Our Medical Director and quality assurance staff will be active in responding to any identified quality issues or concerns.

St. Mary's staff is currently analyzing the individual data to determine whether co-morbid or complicating conditions, as identified in the HCFA methodology, were present. This analysis should also be available in one month. Our new Medisgroups system will provide us with another means for evaluating quality of care as well as severity of illness.

I appreciate this opportunity to comment on St. Mary's data. We will continue to work with our medical, clinical and support staff as well as with community, state and federal agencies to develop better ways to measure and respond to quality of care issues.

Sincerely,

Patrick J Madden

Patrick J. Madden
President

xc: Vito Laglia, M.D., Medical Director
Joan Gannon, Dir. of Quality Assurance
Sr. Eileen Kinnarney, Chairman, Board of Trustees
John McIntyre, M.D., President, Medical/Dental Staff

ST MARYS HOSP OF BROOKLYN

170 BUFFALO AVE
BROOKLYN, NY 11213

Medicare Hospital Provider Number: 330383

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,022	15	10 - 16	979	15	11 - 16
Cancer	27	56	24 - 62	31	32	26 - 60
Cerebrovascular Accidents	68	19	14 - 34	61	34	16 - 41
Gastrointestinal Catastrophes	7	100	11 - 58	3	0	1 - 83
Infectious Disease	41	39	21 - 54	18	61	18 - 63
Metabolic/Electrolyte Disorders	21	24	5 - 47	37	27	10 - 43
Pulmonary Disease	33	21	13 - 43	69	26	11 - 35
Renal Failure	13	31	8 - 67	5	40	14 - 88
Severe Acute Heart Disease	38	53	28 - 60	26	58	24 - 61
Severe Chronic Heart Disease	58	16	13 - 34	66	14	17 - 35
Severe Trauma	1	0	0 - 99	1	100	0 - 98
Gastrointestinal Disease	62	2	0 - 14	47	2	0 - 26
Gynecologic Disease	5	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	119	3	1 - 9	102	2	1 - 9
Musculoskeletal/Skin Conditions	70	6	0 - 23	53	9	0 - 33
Neuropsychiatric/Sensory Disease	21	0	0 - 71	32	0	0 - 38
Urologic Disease	22	0	0 - 95	19	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1981

Total Beds (#):	270
Ownership/Control:	Church

STAFFING

Interns and Residents:	33
Registered Nurses:	276
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST PETERS HOSP

315 SOUTH MANNING BLVD
ALBANY, NY 12208

Medicare Hospital Provider Number: 330057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,495	12	11 - 15	3,373	13	12 - 16
Cancer	196	30	30 - 49	211	31	30 - 49
Cerebrovascular Accidents	115	20	18 - 34	147	26	19 - 35
Gastrointestinal Catastrophes	43	30	20 - 53	30	37	18 - 56
Infectious Disease	36	36	18 - 52	36	31	18 - 52
Metabolic/Electrolyte Disorders	55	22	15 - 43	57	33	14 - 43
Pulmonary Disease	195	26	19 - 35	219	26	19 - 35
Renal Failure	15	47	24 - 81	15	47	20 - 78
Severe Acute Heart Disease	135	33	30 - 49	151	35	30 - 48
Severe Chronic Heart Disease	178	25	16 - 31	148	28	16 - 32
Severe Trauma	3	0	7 - 80	9	0	14 - 56
Gastrointestinal Disease	259	2	2 - 7	191	2	1 - 7
Gynecologic Disease	20	0	0 -100	30	3	0 -100
Low-Risk Heart Disease	404	3	2 - 6	351	5	2 - 7
Musculoskeletal/Skin Conditions	341	2	1 - 6	318	2	1 - 5
Neuropsychiatric/Sensory Disease	96	3	0 - 13	94	3	1 - 12
Urologic Disease	144	4	0 - 13	128	2	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	437
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	457
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	4
Registered Nurses:	500
Licensed Practical Nurses:	31

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

ST. PETER'S HOSPITAL

315 SOUTH MANNING BLVD.
ALBANY, NEW YORK 12208
TELEPHONE 518/454-1550

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-0-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider #330057

Dear Mrs. Kappert:

Thank you for the opportunity to comment on the results of the Health Care Financing Administration report on Medicare Hospital Mortality Information, 1987. We respectfully request the following comments be included as part of the text published for St. Peter's Hospital as it is our understanding that this information will be released to the public in December, 1988, in the Federal Register.

Comments:

St. Peter's Hospital appreciates and shares the desire to provide the public at large with accurate, reliable data from which knowledgeable choices concerning health care can be made. However, until such time as the methodology can be improved to reflect severity of illness, patient health status, psychological and support factors, it must be stressed that this data should not be viewed as a measure of the quality of care provided by a hospital to its patients.

We urge HCFA to continue in its efforts to test the validity of this mortality data as an indicator of quality and more importantly, to evaluate the consequences of using a predictive model which lacks specific clinical data on severity of illness of individual patients.

An internal review of the data elements for St. Peter's Hospital identified no major discrepancy with those reported in the study. However, as is our standard practice, each mortality occurring at St. Peter's is reviewed in depth by a Registered Professional Nurse utilizing criteria designed and approved by our Medical Staff. Secondary review, when required, is performed by a physician and/or a Committee of peers. Should corrective action be required, it is implemented and monitored under the guidance of the Medical Staff. Additionally, all mortalities are logged and examined for unusual patterns or trends.

The HCFA mortality data for St. Peter's Hospital was consistently within the range of expected mortalities for all disease categories. Despite our favorable outcome, we continue to share the American Hospital Association's opposition to the use of this information as an indicator of quality.

Sincerely,

Sister Ellen Lawlor

Sister Ellen Lawlor
President

SEL:dmr

cc: Steven P. Boyle, Executive Vice President
Robert H. Randles, M.D., Vice President, Medical Affairs
Albert A. Apicelli, M.D., Chairman, Quality Assurance Committee

ST VINCENTS HOSP MEDICAL CENTER

153 W 11TH ST
NEW YORK, NY 10011

Medicare Hospital Provider Number: 330290

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,819	11	11 - 15	3,630	12	11 - 16
Cancer	220	28	33 - 51	169	32	35 - 54
Cerebrovascular Accidents	131	27	20 - 37	127	23	21 - 37
Gastrointestinal Catastrophes	32	25	19 - 54	49	24	23 - 53
Infectious Disease	25	32	20 - 59	32	31	19 - 54
Metabolic/Electrolyte Disorders	62	26	14 - 42	54	15	14 - 40
Pulmonary Disease	209	33	22 - 39	234	29	20 - 36
Renal Failure	9	33	13 - 77	17	24	14 - 69
Severe Acute Heart Disease	164	26	31 - 47	144	44	31 - 50
Severe Chronic Heart Disease	115	19	16 - 32	145	20	15 - 30
Severe Trauma	12	8	10 - 53	10	10	12 - 60
Gastrointestinal Disease	218	2	2 - 7	206	2	2 - 7
Gynecologic Disease	25	0	0 -100	22	0	0 - 63
Low-Risk Heart Disease	433	5	2 - 7	388	4	3 - 7
Musculoskeletal/Skin Conditions	366	3	2 - 6	346	3	1 - 6
Neuropsychiatric/Sensory Disease	337	1	1 - 6	302	2	1 - 6
Urologic Disease	111	1	1 - 8	128	2	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	891
Occupancy Rate (%):	89
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	694
Percent of Physicians Who Are Board Certified Specialists:	96
Interns and Residents:	250
Registered Nurses:	757
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST VINCENTS MED CENTER OF RICHMOND

355 BARD AVE
STATEN ISLAND, NY 10310

Medicare Hospital Provider Number: 330028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,849	15	12 - 16	2,669	15	12 - 16
Cancer	152	40	31 - 51	160	39	31 - 52
Cerebrovascular Accidents	154	37	20 - 37	122	30	19 - 37
Gastrointestinal Catastrophes	29	38	20 - 58	31	32	20 - 57
Infectious Disease	29	45	20 - 57	22	41	19 - 61
Metabolic/Electrolyte Disorders	26	27	9 - 47	23	17	13 - 49
Pulmonary Disease	155	33	17 - 35	194	34	20 - 37
Renal Failure	11	45	14 - 76	18	28	16 - 71
Severe Acute Heart Disease	152	41	30 - 48	135	45	29 - 48
Severe Chronic Heart Disease	189	26	16 - 31	146	29	16 - 32
Severe Trauma	12	8	11 - 54	13	23	12 - 62
Gastrointestinal Disease	223	3	1 - 7	176	5	1 - 9
Gynecologic Disease	19	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	455	3	2 - 6	416	5	2 - 7
Musculoskeletal/Skin Conditions	198	3	1 - 7	209	2	1 - 6
Neuropsychiatric/Sensory Disease	55	0	1 - 10	45	0	0 - 17
Urologic Disease	95	3	0 - 19	97	2	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	440
Occupancy Rate (%):	86
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	348
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	90
Registered Nurses:	331
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

St. Vincent's Medical Center of Richmond
A Sisters of Charity Health Care System Corporation

Medicare Provider Number 330028

COMMENTS ON THE HCFA 1987 MORTALITY STATISTICS
FOR ST. VINCENT'S MEDICAL CENTER
STATEN ISLAND, NEW YORK

The mortality rates listed for St. Vincent's Medical Center were within the range of predicted mortality rates in all categories.

We recognize that an effort has been made this year to adjust certain diagnostic categories so that comparable cases are grouped together. However, no modifications have been made in the statistical model to reflect factors that would influence mortality following discharge totally unrelated to the care delivered to a patient. These include the severity of a patient's illness and condition of the patient upon admission; co-morbidities, that is conditions which a patient may have had in addition to the condition that necessitated his or her hospitalization; and other environmental factors.

As HCFA states in its correspondence which accompanied these statistics, "until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgements about the quality of care in an individual hospital or to make comparisons among hospitals."

Regarding the American Hospital Association Hospital Characteristics which accompany the mortality data, the number of beds listed, 324, refers to medical/surgical beds only; the total bed complement of St. Vincent's Medical Center, including critical care, psychiatric and specialty beds is 440.

Also, in terms of specialty services, St. Vincent's is a participant in the hospice care program sponsored by the Sisters of Charity Health Care System of which St. Vincent's is a subsidairy.

355 BARD AVENUE • STATEN ISLAND, N.Y. 10310-1699 • (718) 390-1234

STATE UNIV HOSP-UPSTATE MED CTR

750 E ADAMS ST
SYRACUSE, NY 13210

Medicare Hospital Provider Number: 330241

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,696	10	9 - 13	1,489	11	10 - 15
Cancer	81	27	26 - 50	84	37	28 - 53
Cerebrovascular Accidents	42	19	14 - 39	45	24	14 - 40
Gastrointestinal Catastrophes	27	7	22 - 51	19	37	17 - 61
Infectious Disease	7	14	14 - 70	11	36	16 - 69
Metabolic/Electrolyte Disorders	21	29	11 - 52	20	25	12 - 53
Pulmonary Disease	72	31	15 - 39	60	27	14 - 38
Renal Failure	42	17	4 - 53	22	18	7 - 60
Severe Acute Heart Disease	50	40	22 - 51	52	42	22 - 50
Severe Chronic Heart Disease	59	15	15 - 35	55	18	14 - 36
Severe Trauma	15	20	9 - 55	3	0	1 - 82
Gastrointestinal Disease	47	4	1 - 19	44	5	0 - 23
Gynecologic Disease	9	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	269	3	2 - 7	193	2	2 - 7
Musculoskeletal/Skin Conditions	205	1	0 - 6	174	2	0 - 8
Neuropsychiatric/Sensory Disease	54	4	0 - 32	54	4	0 - 25
Urologic Disease	43	5	0 - 85	36	0	0 - 18

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	358
Occupancy Rate (%):	76
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	609
Percent of Physicians Who Are Board Certified Specialists:	85
Interns and Residents:	188
Registered Nurses:	462
Licensed Practical Nurses:	84

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

State University of New York
Health Science Center
Syracuse

University Hospital

Office of the Administrator
(315) 473-4240

RE: Provider #330241

October 18, 1988

William L. Roper, M.D.
Administrator
Department of Health & Human Services
Health Care Financing Administration
Washington, D. C. 20201

Dear Dr. Roper:

The State University of New York Health Science Center, University Hospital is pleased to respond to your request for review of the Health Care Financing Administration (HCFA) Medicare Hospital Mortality Data for 1987.

Once again University Hospital falls well within the range of predicted mortality rates. This is especially impressive given our role as the tertiary care, regional referral center, and the fact that University Hospital treats the most severely ill patients. As an example, for non-Medicare patients, University Hospital has the highest case mix of any non-speciality hospital in New York State (1.81).

The commitment by our Medical Staff and Administration to the provision of the highest quality of care cannot be over emphasized. The review, monitoring and analysis of information such as the data presented in this study is an important component of our ongoing Quality Assurance Program and is useful in verifying our own conclusions.

We applaud your efforts to provide objective, reliable information regarding quality of care to consumers. However, despite the refined methodology used, the information provided is not a complete measure of quality. Severity of illness indicators, and the speciality services provided by an institution, must also be factored into the evaluation process.

We are proud of the excellent care rendered at University Hospital and look forward to the development of techniques to more appropriately measure the complex issue of quality.

Thank you for the opportunity to comment.

Sincerely,

James L. Rosenberg
Chief Executive Officer

JLR:jas

STATEN ISLAND HOSP

475 SEAVIEW AVE
STATEN ISLAND, NY 10305

Medicare Hospital Provider Number: 330160

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,934	17	13 - 17	2,746	16	13 - 17
Cancer	151	45	34 - 55	139	55	35 - 57
Cerebrovascular Accidents	124	25	19 - 36	104	27	21 - 40
Gastrointestinal Catastrophes	32	63	22 - 58	32	25	23 - 57
Infectious Disease	47	45	24 - 55	32	38	23 - 59
Metabolic/Electrolyte Disorders	68	46	15 - 44	52	21	13 - 41
Pulmonary Disease	180	42	21 - 39	181	36	19 - 37
Renal Failure	10	20	10 - 70	15	40	11 - 70
Severe Acute Heart Disease	99	55	31 - 53	116	45	31 - 51
Severe Chronic Heart Disease	183	26	16 - 31	172	28	18 - 33
Severe Trauma	5	60	5 - 78	8	50	7 - 70
Gastrointestinal Disease	193	2	2 - 7	189	1	2 - 6
Gynecologic Disease	15	0	0 -100	31	0	0 -100
Low-Risk Heart Disease	317	5	2 - 7	306	4	2 - 7
Musculoskeletal/Skin Conditions	233	3	1 - 7	218	3	1 - 7
Neuropsychiatric/Sensory Disease	59	3	0 - 19	80	0	0 - 8
Urologic Disease	92	1	0 - 12	81	2	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	396
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	95
Registered Nurses:	476
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

The Staten Island Hospital with its proven leadership in providing New York City's fastest growing borough with innovative and quality healhcare is most pleased with its overall high standing in the Health Care Financing Administration's 1987-86 study of mortality rates for Medicare patients who died within 30 days of their last hospital admission.

The Hospital, a division of Community Health System of Staten Island welcomes the opportunity to comment on HCFA's statistical model and to respond with its own in-depth analysis to the hospital-specific data.

While we view as positive HCFA's decision to include a descriptive listing of each hospital's characteristics with the 1988 data, i.e. trauma center designation, coronary care unit, etc., this in no way compensates for HCFA's continuing failure to adjust the data for severity of illness which in the instance of The Staten Island Hospital would in our opinion change the expectation significantly. As a correction, 50% of our physicians are Board Certified, not 45% as listed.

Thus, the statistical model employed by HCFA continues to skew the data for The Staten Island Hospital, a 451-bed university-affiliated teaching hospital with over 16,000 admissions, a significant percentage of which are from five area nursing homes with a total of 1,500 beds.

An extensive review of individual cases and records for each patient in each of the four categories outlined in this response was conducted by a panel of physicians and physician-directors who are committed to high standards for quality patient care as well as to high standards of quality assurance review. The panel concluded the following :

For the Category of Gastrointestinal Catastrophes
Close scrutiny of the medical record and the quality assurance rating for each of the 19 patient deaths listed revealed that: seven of the patients suffered from end-stage liver disease; in five others, the admitting diagnosis was perforated duodenal ulcers; two suffered from gangrenous bowel; one had advanced cancer of the colon; one had ischemic bowel; one was 91-years old; one was a hemodialysis patient with complications; one died at home leaving us unable to analyze.

IMPORTANTLY: Over half of these 19 patients arrived in the emergency department in the late stages of life-threatening gastrointestinal disorders; these patients averaged 75 years of age. Case record review confirmed that each patient received appropriate care as defined by The Hospital's high standards of medical care and accepted standards for quality assurance ratings. Many of these were nursing home patients transferred to The Hospital with acute problems, and a significant number were so ill that resuscitation was not possible. All of these patients had multiple medical illnesses.
Furthermore, the refined 1986 hospital-specific data also included with this year's hospital-specific data, indicates that The Hospital was in range for 1986. We submit that since staffing and other factors remain unchanged, this year's shift is in part statistical and skewed by the high volume of nursing home patients and patients with end-stage liver disease. Please consider this in review.

For the Category of Pulmonary Disease
A thorough medical review of each death substantiated that not one death was avoidable; that each patient received appropriate care, and that no quality assurance issue exists; ninety-five percent of these admissions were through the Emergency Department; 44 of the patients were admitted from nursing homes; 15 of the patients were admitted for terminal care and 24 of the 72 suffered from concomitant cardiac problems, including a high incidence of heart failure. The panel of reviewing physicians at The Staten Island Hospital, all of whom are Board Certified in their specialties, suggest that a problem exists in the

hospital specific data was released. This same data when refined and re-released now shows that The Hospital's actual mortality rate was in range.

The reviewing physicians suggest to HCFA the development of a statistical model adjusted for nursing home patients, because severity of illness and admission on an emergency basis pose special problems.

For the Category of Severe Acute Heart Disease
No quality assurance issue exists; While advanced life stabilization and support techniques and technologies helped a majority of Severe Acute Heart Disease patients survive the initial period of emergency admission, these therapies could not prevent death at a later time when the patients (who were for the most part suffering from myocardial infarctions) went into coronary shock.

The deaths recorded in this category are among a patient population of advanced age -- 46 percent were in their 80's and 90's; All patients were admitted by way of the Emergency Department and a large proportion were in acute respiratory distress requiring resuscitation and intubation. The Staten Island Hospital is a designated Level I Trauma Center and an Emergency Heart Care Station. In keeping up with Staten Island's rapid growth, The SIH recently extended its ambulance capacity and began receiving more trauma patients from Staten Island and Brooklyn; Changed coding variances in the last year resulted in a ten percent statistical increase in this category. If these ten cases are excluded from the data, the mortality is then 47% or within range.

For Metabolic //Electrolyte Disturbances
The average age of the deceased was 78.25 for men and 82.86 for women. The overwhelming percentage of these patients were admitted on an emergency basis from nursing homes. Of the 30 deaths reported in this category, the majority of patients were in advanced stages of dehydration due to a broad array of problems which ranged from cardiovascular diseases such as cerebral vascular accidents and aortic aneurism; to cancer. Seven of the 30 were terminally ill on admission, 10 suffered from concomitant cardiovascular disease, and five from sepsis and shock. Chart review revealed quality assurance ratings that were judged appropriate in all cases.

In summary: The Staten Island Hospital, faced with the emergency admission of large numbers of aged and severely ill patients from nearby nursing homes, and a mortality predictor system which fails to adjust for severity of illness, is confident in assuring the Staten Island community that it serves Islanders with outstanding programs and clinicians in one of New York City's newest and most technologically advanced facilities. There is neither a systematic nor individual quality issue in the care of patients.

The Hospital,which is fully accredited by the Joint Commission on Accreditation of Healthcare Organizations, is a teaching center and major affiliate of SUNY's Health Science Center at Brooklyn with fully approved residency programs in five specialties. These teaching programs rival any in the nation for the quality of resident physicians. We therefore submit that excellence in teaching is one fully recognized standard for measuring quality healthcare. Also significant is the the fact that in the last year, The Staten Island Hospital has reduced its length of stay by .8 of a day -- this in itself is an important parameter in measuring quality care in the eighties. In addition to The Staten Island Hospital's own internal chart review and audit, a review panel of medical school faculty is further analyzing the data to confirm our own findings.

STRONG MEM HOSP

601 ELMWOOD AVE-BOX 612
ROCHESTER, NY 14642

Medicare Hospital Provider Number: 330285

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,931	10	9 - 12	3,711	10	9 - 13
Cancer	164	30	30 - 49	163	33	31 - 51
Cerebrovascular Accidents	156	17	18 - 32	114	22	18 - 35
Gastrointestinal Catastrophes	25	36	18 - 58	37	19	19 - 50
Infectious Disease	20	50	22 - 65	21	57	14 - 57
Metabolic/Electrolyte Disorders	34	29	9 - 44	31	29	11 - 47
Pulmonary Disease	116	25	17 - 36	120	28	18 - 37
Renal Failure	30	13	3 - 55	42	26	7 - 57
Severe Acute Heart Disease	164	34	30 - 47	163	31	30 - 47
Severe Chronic Heart Disease	132	18	15 - 30	128	19	16 - 32
Severe Trauma	16	38	7 - 57	14	36	8 - 60
Gastrointestinal Disease	147	8	1 - 13	169	4	1 - 9
Gynecologic Disease	43	0	0 -100	41	0	0 -100
Low-Risk Heart Disease	437	4	2 - 6	401	4	2 - 7
Musculoskeletal/Skin Conditions	362	3	0 - 6	351	2	1 - 5
Neuropsychiatric/Sensory Disease	451	1	1 - 5	404	1	1 - 5
Urologic Disease	272	1	0 - 5	236	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 742
Occupancy Rate (%): 87
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 1,035
Percent of Physicians Who Are Board Certified Specialists: 74
Interns and Residents: 265
Registered Nurses: 892
Licensed Practical Nurses: 38

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: Yes
Hospice Care: No

SUNY DOWNSTATE MEDICAL CENTER

445 LENOXX RD
BROOKLYN, NY 11203

Medicare Hospital Provider Number: 330350

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,232	9	10 - 14	1,112	8	9 - 14
Cancer	59	32	34 - 61	70	31	29 - 55
Cerebrovascular Accidents	20	15	12 - 46	20	10	14 - 45
Gastrointestinal Catastrophes	7	29	11 - 73	8	25	8 - 68
Infectious Disease	13	31	15 - 64	13	38	12 - 64
Metabolic/Electrolyte Disorders	14	29	16 - 64	9	44	16 - 75
Pulmonary Disease	28	21	10 - 43	16	31	10 - 55
Renal Failure	55	7	1 - 60	49	4	2 - 55
Severe Acute Heart Disease	26	58	20 - 58	17	29	19 - 62
Severe Chronic Heart Disease	34	18	12 - 39	27	19	7 - 39
Severe Trauma	4	25	4 - 80	1	0	0 - 98
Gastrointestinal Disease	53	4	0 - 23	42	5	0 - 30
Gynecologic Disease	12	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	212	2	3 - 8	145	5	1 - 10
Musculoskeletal/Skin Conditions	78	3	1 - 12	87	2	0 - 12
Neuropsychiatric/Sensory Disease	36	3	0 - 68	46	0	1 - 12
Urologic Disease	47	2	0 - 25	46	0	0 - 36

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	372
Occupancy Rate (%):	73
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	478
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	101
Registered Nurses:	496
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

October 21,1988

Provider I.D. #
330350

OFFICE OF THE EXECUTIVE DIRECTOR
UNIVERSITY HOSPITAL OF BROOKLYN

William L. Roper, M.D.
Administrator, HCFA
Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

The following is the response of University Hospital of Brooklyn, State University of New York, Health Science Center at Brooklyn (formerly Downstate Medical Center) to the 1987 Medicare Hospital Mortality Information report.

Our review of these data indicates that three of the reported expired patients were not Medicare beneficiaries during the time of the admissions in question. These patients account for one occurrence in each of the following categories - Cerebrovascular Accidents, Severe Acute Heart Disease, and Musculoskeletal and Cutaneous Conditions, and represent a decrease from 15% to 11%, 58% to 56%, and 03% to 01%, respectively.

We note that the statistics for number of beds and occupancy rate appear to be based on the Adult Medical/Surgical beds only, not on the actual number of acute care beds within the institution. However, the number of staff (interns and residents, registered nurses, and licensed practical nurses) per bed are calculated using the entire hospital staff complement. This projects a false image, indicating a much larger care-giver/bed ratio than actually exists. Furthermore, the calculations based on the 1986 American Hospital Association Survey were incorrect for both our occupancy rate and percent of board certified specialists. Of course, we are unable to comment on the accuracy of the 1987 data at this time.

Thank you for the opportunity to comment on this information.

Sincerely yours,

Roger Balagot
Roger Balagot
Associate Executive Director

cc: Donald Scherl, M.D.
Richard Schwarz, M.D.
Peter French
Paul Rosenfeld

STATE UNIVERSITY OF NEW YORK HEALTH SCIENCE CENTER AT BROOKLYN
445 LENOX ROAD, BOX 23, BROOKLYN, NY 11203-2098 • (718) 270-2401

TAYLOR BROWN MEM HOSP

E MAIN ST
WATERLOO, NY 13165

Medicare Hospital Provider Number: 330110

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	333	13	10 - 18	264	11	10 - 18
Cancer	9	89	22 - 70	5	40	12 - 83
Cerebrovascular Accidents	18	44	16 - 60	10	20	11 - 61
Gastrointestinal Catastrophes	2	50	3 - 92	2	0	1 - 90
Infectious Disease	5	20	8 - 76	7	14	8 - 66
Metabolic/Electrolyte Disorders	9	11	3 - 57	5	20	6 - 75
Pulmonary Disease	23	17	15 - 48	18	28	10 - 52
Renal Failure	0	-	-	3	0	7 - 83
Severe Acute Heart Disease	15	20	22 - 63	5	60	11 - 82
Severe Chronic Heart Disease	19	26	8 - 48	18	11	12 - 45
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	29	3	0 - 43	23	0	1 - 23
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	33	0	1 - 15	24	4	1 - 31
Musculoskeletal/Skin Conditions	31	3	0 - 35	17	6	0 - 94
Neuropsychiatric/Sensory Disease	15	7	0 -100	18	0	0 - 87
Urologic Disease	5	0	0 - 98	8	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	95
Occupancy Rate (%):	66
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	54
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	35
Licensed Practical Nurses:	28

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

tb
mh Taylor-Brown Memorial Hospital

East Main Street, Waterloo, New York 13165 • (315) 539-9204

October 24, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6324 Security Boulevard
Baltimore, Maryland 21207

Provider #: 330110

Dear Mrs. Kappert:

In our attempt to corroborate the analysis of the mortality data at Taylor-Brown Memorial Hospital, we found again this year that it was difficult to compare the total patient information. Our patient information is recorded on the basis of discharge, not admission. However, this difference doesn't completely explain the discrepancies. These discrepancies may be reflected in the fact that HCFA has only recorded the last admission of a patient. HCFA has also included patients who expired within 30 days of admission to Taylor-Brown Memorial Hospital but did not expire in our hospital.

Our efforts to compare this data were concentrated in the area where we had the highest actual mortality rate, "Cancer". This category was also outside the range for predicted mortality, as outlined by HCFA. The comparative data included the actual number, and we were able to identify that all the patients included on the HCFA list had been treated at some point at Taylor-Brown Memorial Hospital; however, they did not necessarily expire here. Our analyses of the actual diagnostic information on this group of patients indicated that we are generally dealing with elderly patients that have a progressive terminal disease that has metastasized to other sites and is complicated by other co-morbidities generally related to old age, i.e. heart and lung disease.

Analyzing the 1986 data provided with the 1987 data, we also found that the predicated rates for the two years had changed somewhat dramatically in some categories. In regards to the cancer patients, our rate has gone from 40 to 89%, which is above the predicted rate for 1987 but within range for 1986. We had a higher patient population in 1987 with this diagnosis, which can account for the higher rate. We are seeing patients for terminal care at this facility without the advantages of a hospice or other type unit within the area to care for the terminally ill. Therefore, we feel that Taylor-Brown's predicted mortality rate is probably within a reasonable range based on the severity of the disease in the patients we treat.

We recognize that mortality rate is not the only indicator for quality, although we do find this information useful. In fact, we use mortality rates internally as an indicator of potential quality problem areas and review all deaths to determine the reason and to monitor our quality of care.

Very truly yours,

Barbara A. H

Barbara A. Heins, Vice-President
Quality Assurance/Risk Management

BAH/mkz

THE CORNWALL HOSPITAL

LAUREL AVE
CORNWALL, NY 12518

Medicare Hospital Provider Number: 330264

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	933	13	10 - 15	972	14	9 - 15
Cancer	28	54	24 - 61	34	50	27 - 62
Cerebrovascular Accidents	35	29	15 - 46	52	35	17 - 44
Gastrointestinal Catastrophes	8	50	12 - 73	5	40	5 - 78
Infectious Disease	10	40	16 - 72	1	0	3 - 98
Metabolic/Electrolyte Disorders	20	20	12 - 52	30	20	10 - 44
Pulmonary Disease	57	30	12 - 38	37	19	9 - 37
Renal Failure	3	67	6 - 88	2	50	2 - 92
Severe Acute Heart Disease	41	37	22 - 52	36	33	24 - 55
Severe Chronic Heart Disease	68	16	14 - 33	66	26	13 - 36
Severe Trauma	2	0	0 - 92	1	100	1 - 97
Gastrointestinal Disease	82	6	0 - 18	76	1	0 - 11
Gynecologic Disease	10	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	109	3	1 - 10	122	2	1 - 9
Musculoskeletal/Skin Conditions	63	3	0 - 17	93	2	1 - 10
Neuropsychiatric/Sensory Disease	34	0	0 - 22	52	4	0 - 50
Urologic Disease	41	0	0 - 41	25	0	0 - 60

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	139
Occupancy Rate (%):	60
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	91
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	94
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

THE MARY IMOGENE BASSETT HOSP

ONE ATWELL RD
COOPERSTOWN, NY 13326

Medicare Hospital Provider Number: 330136

Diagnostic Category	**Calender Year 1987**			**Calender Year 1986**		
	Cases	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**	**Cases**	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**
All Cases	1,712	11	11 - 15	1,607	13	11 - 16
Cancer	101	44	32 - 56	89	46	31 - 55
Cerebrovascular Accidents	48	33	16 - 44	48	38	14 - 43
Gastrointestinal Catastrophes	21	19	17 - 55	21	48	22 - 66
Infectious Disease	15	33	18 - 65	13	46	19 - 70
Metabolic/Electrolyte Disorders	20	5	13 - 43	12	33	8 - 61
Pulmonary Disease	106	23	18 - 37	101	28	19 - 39
Renal Failure	11	64	19 - 80	17	24	15 - 69
Severe Acute Heart Disease	65	34	26 - 51	68	31	30 - 54
Severe Chronic Heart Disease	60	17	20 - 40	60	27	17 - 41
Severe Trauma	3	33	1 - 88	1	100	0 - 98
Gastrointestinal Disease	114	3	1 - 10	123	7	1 - 13
Gynecologic Disease	8	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	202	2	2 - 7	122	3	2 - 10
Musculoskeletal/Skin Conditions	146	1	1 - 7	119	3	1 - 9
Neuropsychiatric/Sensory Disease	151	2	1 - 8	210	1	1 - 6
Urologic Disease	83	1	0 - 13	58	3	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 180
Occupancy Rate (%): 73
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 85
Percent of Physicians Who Are Board Certified Specialists: 92
Interns and Residents: 49
Registered Nurses: 137
Licensed Practical Nurses: 75

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

THE MARY IMOGENE
BASSETT HOSPITAL

ONE ATWELL ROAD
COOPERSTOWN, NEW YORK 13326-1394

October 14, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

On behalf of the Mary Imogene Bassett Hospital, I would like to take this opportunity to respond to the 1987 Medicare Hospital Mortality Information that was prepared by the Health Care Financing Administration.

We have reviewed the 1987 detailed data that was provided and have noted the following areas that need clarification:

1. In review of the 1986 Medicare Hospital Mortality information, the Mary Imogene Bassett Hospital had 31 cases identified for the diagnostic category of severe trauma. In review of the 1987 Medicare Hospital Mortality Information calendar year 1986 data, the Mary Imogene Bassett Hospital had only 1 case identified in the diagnostic category of severe trauma. We understand that the methodology for case selection by ICD-9-CM code numbers has changed between the 1986 Medicare Hospital Mortality Information and the 1987 Medicare Hospital Mortality Information. Because our revised 1987 Medicare Hospital Mortality Information calendar year 1986 data indicates only 1 casein the diagnostic category of severe trauma, the actual mortality rate for severe trauma based on this 1 case was 100% (range of HCFA predicted mortality is 0-98%). We urge anyone reviewing this data to consider the number of cases identified when reviewing the ranges of predicted mortality.

2. We have identified a duplication of cases included in both the 1986 Medicare Hospital Mortality Information and the 1987 Medicare Hospital Mortality Information reports. This overlapping is evident because of HCFA's methodology of identifying cases that expire 30 days after the last admission for a given calendar year. Four cases from the Mary Imogene Bassett Hospital fell into this overlapping situation because the patients were readmitted and expired early in the following calendar year. (Attached you will find the 1986 and 1987 data information provided to hospitals.)

AFFILIATED WITH COLUMBIA UNIVERSITY

3. The Hospital Characteristic Information section of the 1987 Medicare Hospital Mortality Information states that the information reported is from the 1986 Annual AHA Survey Report. This information reflects the hospital's statistics from 1985. Information taken from the 1986 Annual AHA Survey Report and reported on the 1987 Medicare Hospital Mortality Information report could be misleading. Some information contained in the Hospital Characteristics section is directly from the 1986 Annual AHA Survey Report while other portions are calculations and/or manipulations by HCFA of the reported data. Any misinterpretation of the base data from the 1986 Annual AHA Survey Report would directly affect the calculations and reporting by HCFA. The followking areas in the Hospital Characteristic section need clarification:

    a. The number of beds for Mary Imogene Bassett Hospital is reported to be 132 in the 1987 Medicare Hospital Mortality Information. This is the number of medical/surgical beds reported in the 1986 Annual AHA Survey Report by the Mary Imogene Bassett Hospital. Actual total number of beds at the Mary Imogene Bassett Hospital is 180 which includes 132 medical/surgical beds; 10 pediatric beds; 10 obstetric/gynecology beds; 8 intensive care unit beds; and 20 psychiatric beds.

    b. The calculation methodology used by HCFA in determining the staffing of intern/residents, registered nurses and licensed practical nurses per bed is unclear. We cannot verify HCFA's staffing conclusions based upon the information provided by the Mary Imogene Bassett Hospital on the 1986 Annual AHA Survey Report.

As stated in our response to the 1986 Medicare Hospital Mortality Information data, we would like to once again stress that the mortality statistics do not reflect the severity of cases treated by the Mary Imogene Bassett Hospital. It is noted that HCFA has designed a methodology of review to help hospitals identify severity of illness in cases with stroke, pneumonia, acute myocardial infarction and congestive heart failure. This may help hospitals with internal quality of care review in the future. Time did not permit use of this program in the analysis of the data reported in the 1987 Medicare Hospital Mortality Information.

The Mary Imogene Bassett Hospital has an aggressive physician directed Quality Assurance program. Mortality data is monitored as one facet on the institution's Quality Assurance program to insure that the highest quality of care is provided.

Sincerely,

William F. Streck MD

William F. Streck, M.D.
President

jl
Enc. 5

TIOGA GENERAL HOSPITAL

37 N CHEMUNG ST
WAVERLY, NY 14892

Medicare Hospital Provider Number: 330168

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	506	11	12 - 18	451	11	11 - 18
Cancer	17	41	21 - 67	14	43	18 - 67
Cerebrovascular Accidents	33	30	16 - 48	26	31	17 - 52
Gastrointestinal Catastrophes	6	33	9 - 76	6	0	12 - 63
Infectious Disease	4	25	7 - 81	9	33	13 - 70
Metabolic/Electrolyte Disorders	2	0	1 - 89	0	-	-
Pulmonary Disease	41	17	17 - 43	28	18	10 - 41
Renal Failure	4	75	18 - 95	0	-	-
Severe Acute Heart Disease	23	39	23 - 63	21	19	21 - 56
Severe Chronic Heart Disease	35	37	12 - 45	31	26	13 - 45
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	48	0	2 - 11	34	3	0 - 25
Gynecologic Disease	11	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	50	0	1 - 10	60	3	0 - 17
Musculoskeletal/Skin Conditions	50	4	1 - 19	30	7	1 - 30
Neuropsychiatric/Sensory Disease	16	0	0 - 51	19	5	0 - 53
Urologic Disease	16	0	0 - 99	15	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	198
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

TOMPKINS COMMUNITY HOSP INC

1285 TRUMANSBURG RD
ITHACA, NY 14850

Medicare Hospital Provider Number: 330307

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,583	10	10 - 15	1,477	13	10 - 15
Cancer	65	45	31 - 58	53	57	32 - 61
Cerebrovascular Accidents	63	27	16 - 39	62	26	18 - 41
Gastrointestinal Catastrophes	15	33	16 - 64	11	18	7 - 57
Infectious Disease	11	36	20 - 73	13	38	16 - 67
Metabolic/Electrolyte Disorders	22	14	10 - 46	13	8	4 - 46
Pulmonary Disease	71	20	17 - 38	91	32	16 - 38
Renal Failure	4	25	6 - 83	3	67	4 - 87
Severe Acute Heart Disease	50	24	25 - 51	54	33	29 - 56
Severe Chronic Heart Disease	101	18	16 - 33	80	24	18 - 38
Severe Trauma	2	0	3 - 88	3	33	6 - 87
Gastrointestinal Disease	136	3	1 - 9	105	3	1 - 10
Gynecologic Disease	13	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	120	2	1 - 8	114	1	2 - 7
Musculoskeletal/Skin Conditions	188	5	1 - 9	148	3	1 - 8
Neuropsychiatric/Sensory Disease	87	3	1 - 13	98	2	1 - 10
Urologic Disease	62	3	0 - 28	47	2	0 - 30

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 191
Occupancy Rate (%): 80
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 111
Percent of Physicians Who Are Board Certified Specialists: 80
Interns and Residents: 0
Registered Nurses: 208
Licensed Practical Nurses: 32

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

TRI-COUNTY MEM HOSP

100 MEMORIAL DR
GOWANDA, NY 14070

Medicare Hospital Provider Number: 330132

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	424	19	8 - 16	439	13	7 - 14
Cancer	11	82	17 - 65	7	57	13 - 76
Cerebrovascular Accidents	19	47	9 - 53	16	31	8 - 53
Gastrointestinal Catastrophes	1	0	1 - 97	2	100	1 - 91
Infectious Disease	4	75	5 - 80	6	33	9 - 76
Metabolic/Electrolyte Disorders	10	30	4 - 63	9	0	3 - 47
Pulmonary Disease	30	43	15 - 50	33	18	7 - 37
Renal Failure	2	50	4 - 93	1	100	3 - 99
Severe Acute Heart Disease	17	41	17 - 62	15	40	17 - 64
Severe Chronic Heart Disease	22	27	7 - 46	21	19	8 - 44
Severe Trauma	0	-	-	2	0	0 - 93
Gastrointestinal Disease	36	6	0 - 37	45	2	0 - 22
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	51	2	1 - 15	45	11	0 - 38
Musculoskeletal/Skin Conditions	40	5	0 - 47	35	0	0 - 20
Neuropsychiatric/Sensory Disease	9	0	0 -100	13	0	0 - 99
Urologic Disease	16	0	0 -100	19	11	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	53
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	29
Percent of Physicians Who Are Board Certified Specialists:	55
Interns and Residents:	0
Registered Nurses:	30
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNION HOSP

260 E 188TH ST
BRONX, NY 10458

Medicare Hospital Provider Number: 330034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	736	9	9 - 14	752	9	10 - 15
Cancer	21	33	20 - 61	16	31	15 - 61
Cerebrovascular Accidents	15	13	10 - 49	35	9	16 - 38
Gastrointestinal Catastrophes	7	14	15 - 72	6	50	6 - 75
Infectious Disease	5	40	13 - 83	14	21	21 - 66
Metabolic/Electrolyte Disorders	12	42	6 - 61	6	17	2 - 70
Pulmonary Disease	43	23	19 - 47	43	21	18 - 45
Renal Failure	1	0	1 - 97	5	20	18 - 90
Severe Acute Heart Disease	18	39	22 - 65	28	14	25 - 53
Severe Chronic Heart Disease	34	15	12 - 38	46	24	11 - 37
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	81	2	1 - 12	86	1	1 - 9
Gynecologic Disease	10	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	90	1	1 - 8	102	2	1 - 9
Musculoskeletal/Skin Conditions	66	2	1 - 12	61	3	1 - 16
Neuropsychiatric/Sensory Disease	6	0	0 - 92	6	17	0 -100
Urologic Disease	55	0	0 - 15	76	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	114
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	247
Percent of Physicians Who Are Board Certified Specialists:	59
Interns and Residents:	0
Registered Nurses:	124
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNITED HEALTH SERVICES

PO BOX 540
JOHNSON CITY, NY 13790

Medicare Hospital Provider Number: 330394

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,373	12	10 - 14	4,272	13	10 - 14
Cancer	104	38	30 - 53	93	35	29 - 53
Cerebrovascular Accidents	167	25	20 - 35	188	25	21 - 36
Gastrointestinal Catastrophes	41	39	21 - 55	34	44	21 - 58
Infectious Disease	26	19	17 - 51	36	28	22 - 55
Metabolic/Electrolyte Disorders	66	20	12 - 39	67	31	12 - 40
Pulmonary Disease	238	18	19 - 33	230	27	18 - 34
Renal Failure	24	50	14 - 67	28	54	18 - 70
Severe Acute Heart Disease	190	37	30 - 47	196	36	29 - 46
Severe Chronic Heart Disease	258	28	17 - 30	260	27	18 - 31
Severe Trauma	10	40	7 - 66	4	50	6 - 83
Gastrointestinal Disease	274	4	2 - 7	265	3	1 - 7
Gynecologic Disease	35	3	0 -100	27	4	0 -100
Low-Risk Heart Disease	607	3	2 - 6	554	4	2 - 6
Musculoskeletal/Skin Conditions	514	1	1 - 4	467	2	1 - 5
Neuropsychiatric/Sensory Disease	203	3	1 - 8	244	3	1 - 7
Urologic Disease	129	3	0 - 10	131	4	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	625
Occupancy Rate (%):	85
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	333
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	42
Registered Nurses:	480
Licensed Practical Nurses:	115

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

UNITED HOSP

406 BOSTON POST RD
PORT CHESTER, NY 10573

Medicare Hospital Provider Number: 330171

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,065	10	11 - 15	1,981	10	11 - 15
Cancer	82	34	29 - 53	63	41	28 - 56
Cerebrovascular Accidents	113	19	19 - 36	122	20	20 - 36
Gastrointestinal Catastrophes	29	21	21 - 55	19	26	16 - 58
Infectious Disease	15	13	18 - 58	15	20	12 - 55
Metabolic/Electrolyte Disorders	34	26	13 - 48	40	35	13 - 47
Pulmonary Disease	132	23	20 - 38	137	20	18 - 35
Renal Failure	6	17	6 - 74	8	25	11 - 76
Severe Acute Heart Disease	79	35	29 - 52	87	30	29 - 50
Severe Chronic Heart Disease	106	15	15 - 30	102	24	15 - 33
Severe Trauma	3	0	5 - 80	3	33	4 - 86
Gastrointestinal Disease	156	3	1 - 9	143	2	1 - 8
Gynecologic Disease	12	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	185	2	2 - 7	199	2	2 - 7
Musculoskeletal/Skin Conditions	203	3	1 - 8	189	1	1 - 6
Neuropsychiatric/Sensory Disease	85	0	1 - 8	70	0	1 - 8
Urologic Disease	116	2	0 - 9	95	3	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 294
Occupancy Rate (%): 87
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 232
Licensed Practical Nurses: 35

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

UNIVERSITY HOSP

SUNY AT STONY BROOK
STONY BROOK, NY 11794

Medicare Hospital Provider Number: 330393

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,538	12	11 - 15	1,455	12	11 - 15
Cancer	113	39	31 - 54	102	31	30 - 53
Cerebrovascular Accidents	22	32	14 - 53	34	18	16 - 44
Gastrointestinal Catastrophes	19	37	16 - 60	14	14	14 - 56
Infectious Disease	12	42	20 - 73	8	50	21 - 82
Metabolic/Electrolyte Disorders	30	23	19 - 53	28	29	14 - 51
Pulmonary Disease	42	19	17 - 43	53	32	18 - 45
Renal Failure	24	13	3 - 56	21	29	10 - 64
Severe Acute Heart Disease	59	37	24 - 50	55	35	23 - 50
Severe Chronic Heart Disease	50	22	14 - 38	34	24	11 - 41
Severe Trauma	7	29	4 - 70	6	33	2 - 75
Gastrointestinal Disease	60	3	1 - 15	83	4	1 - 13
Gynecologic Disease	19	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	267	6	1 - 8	198	4	1 - 8
Musculoskeletal/Skin Conditions	107	0	1 - 6	135	1	1 - 7
Neuropsychiatric/Sensory Disease	46	0	1 - 12	51	2	0 - 17
Urologic Disease	47	0	0 - 32	43	0	0 - 30

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	426
Ownership/Control:	State Government

STAFFING

Interns and Residents:	210
Registered Nurses:	726
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

UNIVERSITY HOSPITAL
Health Sciences Center
State University of New York at Stony Brook
Stony Brook, New York, 11794
516-689-8333

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

University Hospital at Stony Brook is a regional referral center serving the Long Island area. In this role, the hospital provides specialized care for the most seriously ill patients in the community.

We welcome the opportunity to compare University Hospital to other hospitals, specifically similar tertiary care centers, but at this time have reservations regarding the statistical model used by the Health Care Financing Administration (HCFA) to predict national mortality rates.

The model fails to consider a number of factors which have a significant impact on mortality. Of concern is the failure to include any measure of the severity of illness on the prediction of mortality rates. Until such time as a method is developed to accurately measure severity of illness, the data provided will remain questionable.

We would also encourage the inclusion of a method to account for DNR (Do not Resuscitate) mortalities specific to New York State hospitals, since recent legislation has clarified this issue. This will be a significant factor for hospital mortality rates in this area as compared to the national rate.

In conclusion, we acknowledge the effort of HCFA to improve their methodology over the past year and look forward to their perfection of the statistical model in the future to provide more meaningful information to both the hospitals and the consumers.

Sincerely,

William T. Newell/jc
William T. Newell Jr.
Executive Director

VASSAR BROTHERS HOSP

READE PLACE
POUGHKEEPSIE, NY 12601

Medicare Hospital Provider Number: 330023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,382	13	11 - 16	2,161	13	11 - 16
Cancer	114	46	32 - 55	104	53	33 - 57
Cerebrovascular Accidents	77	27	18 - 39	76	33	17 - 40
Gastrointestinal Catastrophes	14	29	19 - 67	20	25	17 - 58
Infectious Disease	42	31	21 - 53	35	29	20 - 53
Metabolic/Electrolyte Disorders	43	35	15 - 48	34	12	9 - 38
Pulmonary Disease	192	19	18 - 33	144	19	19 - 36
Renal Failure	10	50	13 - 76	8	50	18 - 85
Severe Acute Heart Disease	82	33	29 - 51	93	45	28 - 50
Severe Chronic Heart Disease	153	25	17 - 33	142	23	17 - 33
Severe Trauma	8	13	8 - 63	5	0	8 - 66
Gastrointestinal Disease	171	3	2 - 8	178	4	1 - 9
Gynecologic Disease	25	4	0 -100	19	0	0 -100
Low-Risk Heart Disease	252	3	1 - 7	245	2	2 - 6
Musculoskeletal/Skin Conditions	219	4	1 - 8	178	2	1 - 7
Neuropsychiatric/Sensory Disease	48	2	0 - 23	81	0	1 - 7
Urologic Disease	103	4	0 - 22	84	1	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	328
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	191
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	0
Registered Nurses:	328
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

VICTORY MEM HOSP

9036 7TH AVE
BROOKLYN, NY 11228

Medicare Hospital Provider Number: 330242

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,544	14	12 - 16	2,580	13	11 - 15
Cancer	95	42	31 - 55	82	40	27 - 52
Cerebrovascular Accidents	124	22	21 - 37	92	29	18 - 38
Gastrointestinal Catastrophes	23	57	24 - 66	36	44	18 - 54
Infectious Disease	37	41	20 - 54	25	32	16 - 55
Metabolic/Electrolyte Disorders	49	18	18 - 46	34	15	11 - 41
Pulmonary Disease	167	29	19 - 37	156	19	17 - 34
Renal Failure	16	44	22 - 79	9	44	18 - 84
Severe Acute Heart Disease	119	42	30 - 51	140	44	33 - 52
Severe Chronic Heart Disease	158	15	17 - 30	165	15	17 - 30
Severe Trauma	3	67	6 - 87	2	0	1 - 89
Gastrointestinal Disease	199	3	1 - 7	172	2	1 - 8
Gynecologic Disease	13	0	0 -100	30	0	0 -100
Low-Risk Heart Disease	375	4	1 - 6	384	5	1 - 7
Musculoskeletal/Skin Conditions	124	3	1 - 10	196	4	1 - 8
Neuropsychiatric/Sensory Disease	61	2	0 - 17	49	2	0 - 35
Urologic Disease	157	1	0 - 8	141	1	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	254
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	211
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	173
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WESTCHESTER CO MED CTR

VALHALLA, NY 10595

Medicare Hospital Provider Number: 330234

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,123	11	12 - 16	2,028	10	11 - 16
Cancer	128	41	39 - 60	111	29	34 - 56
Cerebrovascular Accidents	52	19	17 - 40	31	23	19 - 50
Gastrointestinal Catastrophes	22	32	20 - 61	10	10	12 - 59
Infectious Disease	24	33	19 - 58	22	32	20 - 61
Metabolic/Electrolyte Disorders	10	20	9 - 61	9	0	7 - 48
Pulmonary Disease	65	43	18 - 44	75	20	20 - 41
Renal Failure	36	28	10 - 59	39	21	8 - 57
Severe Acute Heart Disease	153	24	27 - 44	135	24	30 - 48
Severe Chronic Heart Disease	63	16	16 - 36	80	17	16 - 34
Severe Trauma	10	20	4 - 60	10	20	10 - 63
Gastrointestinal Disease	74	4	1 - 14	98	1	1 - 8
Gynecologic Disease	11	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	537	3	3 - 6	497	3	3 - 6
Musculoskeletal/Skin Conditions	124	1	1 - 7	109	2	0 - 10
Neuropsychiatric/Sensory Disease	114	0	1 - 6	107	1	1 - 8
Urologic Disease	74	1	0 - 17	61	2	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 633
Occupancy Rate (%): 89
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 1,015
Percent of Physicians Who Are Board Certified Specialists: 58
Interns and Residents: 190
Registered Nurses: 943
Licensed Practical Nurses: 76

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

WESTCHESTER SQ HOSP

2475 ST RAYMOND AV
BRONX, NY 10461

Medicare Hospital Provider Number: 330316

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,635	12	11 - 16	2,431	12	10 - 15
Cancer	127	45	33 - 55	115	37	28 - 50
Cerebrovascular Accidents	130	24	20 - 37	105	18	20 - 37
Gastrointestinal Catastrophes	30	43	19 - 57	28	29	20 - 57
Infectious Disease	29	45	20 - 57	23	26	20 - 58
Metabolic/Electrolyte Disorders	11	9	6 - 52	15	33	10 - 58
Pulmonary Disease	86	15	16 - 34	98	15	17 - 35
Renal Failure	24	46	20 - 73	12	42	13 - 74
Severe Acute Heart Disease	141	40	29 - 48	118	39	29 - 49
Severe Chronic Heart Disease	215	23	17 - 30	154	22	15 - 30
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	253	2	2 - 6	245	3	1 - 7
Gynecologic Disease	18	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	344	2	2 - 6	283	2	2 - 6
Musculoskeletal/Skin Conditions	192	1	1 - 5	214	2	1 - 6
Neuropsychiatric/Sensory Disease	43	0	0 - 23	50	0	0 - 13
Urologic Disease	141	0	1 - 5	127	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	205
Occupancy Rate (%):	94
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	207
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	184
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

WESTFIELD MEMORIAL HOSP

189 E MAIN ST
WESTFIELD, NY 14787

Medicare Hospital Provider Number: 330166

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	388	15	11 - 19	351	14	10 - 19
Cancer	10	70	24 - 78	14	57	23 - 72
Cerebrovascular Accidents	23	30	15 - 53	9	22	9 - 63
Gastrointestinal Catastrophes	3	67	9 - 90	2	50	2 - 92
Infectious Disease	6	50	14 - 81	6	67	7 - 74
Metabolic/Electrolyte Disorders	8	13	3 - 61	6	0	2 - 61
Pulmonary Disease	48	33	15 - 43	37	27	15 - 45
Renal Failure	5	60	12 - 86	1	100	3 - 98
Severe Acute Heart Disease	15	47	20 - 68	17	29	21 - 63
Severe Chronic Heart Disease	18	0	11 - 33	20	20	11 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	55	4	1 - 17	22	5	0 - 58
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	30	0	1 - 17	48	0	1 - 11
Musculoskeletal/Skin Conditions	26	0	0 - 58	40	0	1 - 14
Neuropsychiatric/Sensory Disease	5	0	0 -100	12	0	0 - 83
Urologic Disease	19	0	0 - 59	15	0	0 - 84

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 32
Occupancy Rate (%): 59
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 18
Percent of Physicians Who Are Board Certified Specialists: 89
Interns and Residents: 0
Registered Nurses: 29
Licensed Practical Nurses: 15

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

WHITE PLAINS HOSP MED CTR

DAVIS AVE AT EAST POST RD
WHITE PLAINS, NY 10601

Medicare Hospital Provider Number: 330304

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,613	10	11 - 15	2,420	10	11 - 15
Cancer	117	36	31 - 53	123	41	31 - 54
Cerebrovascular Accidents	101	28	19 - 38	99	18	19 - 36
Gastrointestinal Catastrophes	33	27	20 - 55	23	43	25 - 67
Infectious Disease	39	36	21 - 54	26	35	23 - 61
Metabolic/Electrolyte Disorders	34	24	12 - 46	30	27	16 - 52
Pulmonary Disease	114	22	19 - 38	125	21	17 - 35
Renal Failure	16	31	21 - 77	8	50	14 - 81
Severe Acute Heart Disease	98	34	29 - 50	106	23	31 - 50
Severe Chronic Heart Disease	113	21	17 - 34	100	16	16 - 32
Severe Trauma	15	33	13 - 61	4	25	5 - 81
Gastrointestinal Disease	197	3	1 - 7	186	1	1 - 6
Gynecologic Disease	22	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	287	2	2 - 6	245	3	2 - 7
Musculoskeletal/Skin Conditions	244	2	1 - 6	211	1	1 - 6
Neuropsychiatric/Sensory Disease	119	0	1 - 6	107	1	1 - 8
Urologic Disease	139	1	0 - 8	148	2	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	301
Occupancy Rate (%):	84
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	384
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	366
Licensed Practical Nurses:	48

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

WHITE PLAINS HOSPITAL MEDICAL CENTER
DAVIS AVENUE AT EAST POST ROAD, WHITE PLAINS, NEW YORK 10601 914 681-0600

DEPARTMENT DIRECT DIAL NUMBER: 914 681-1200

JON B. SCHANDLER
President and
Chief Executive Officer

October 20, 1988

Medicare Provider
#33-0304

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

The following are our comments regarding the mortality data for our hospital for 1987.

These data are raw and uncorrected for the many factors besides diagnosis that contribute to mortality rate. Severity of illness, age, socioeconomic status, the nature of complicating illnesses, to name a few, are not considered. Although the data for our hospital indicate that our mortality rates are at the low end of the predicted range or below it, we do not believe that we can relate that to the quality of health care delivered by our hospital.

We note, also, three cases (Nos. [redacted], [redacted], [redacted] died seven to ten months following discharge and thus should not properly be included.

We also note that one case with the principle diagnosis 466.0, acute bronchitis, is not listed under pulmonary disease. The following diagnoses are not listed under cancer, V58.1 (maintenance chemotherapy), 196.0 (lymph node metastases), 174.3-174.9 (breast cancer), 153.1-153.9 (colon cancer), and 185 (prostate cancer) are not included among cancer deaths.

The release of this information with only a passing comment serves only to mislead those who see the data and give institutions a false reputation, either good or bad. This is not desirable. We would urge you to reconsider this policy and release data which has been shown to be of value.

Sincerely yours,

Henry T. Spector, M.D.
Executive Vice-President/
Medical Affairs

HTS:alm
0179D

WILLARD PSYCHIATRIC CTR M/S UNIT

WILLARD PSYCH HOSP
WILLARD, NY 14588

Medicare Hospital Provider Number: 330366

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	101	6	5 - 16	122	10	3 - 15
Cancer	1	0	0 - 99	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	1 - 97	0	-	-
Pulmonary Disease	5	0	10 - 66	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	1 - 97	0	-	-
Severe Chronic Heart Disease	1	0	3 - 98	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	2	0	0 -100	10	20	0 -100
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	24
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	103
Licensed Practical Nurses:	52

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

WINTHROP UNIVERSITY HOSP

259 1ST ST
MINEOLA, NY 11501

Medicare Hospital Provider Number: 330167

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,632	11	10 - 14	4,384	11	10 - 14
Cancer	229	41	33 - 52	196	35	32 - 51
Cerebrovascular Accidents	153	16	19 - 33	163	25	21 - 36
Gastrointestinal Catastrophes	47	19	22 - 51	38	34	18 - 53
Infectious Disease	31	48	26 - 63	27	22	20 - 55
Metabolic/Electrolyte Disorders	60	42	20 - 50	49	39	17 - 49
Pulmonary Disease	164	26	20 - 37	196	32	19 - 36
Renal Failure	21	38	13 - 66	29	28	19 - 70
Severe Acute Heart Disease	189	34	30 - 46	192	33	30 - 46
Severe Chronic Heart Disease	247	19	18 - 30	216	20	17 - 30
Severe Trauma	7	29	9 - 72	9	22	10 - 66
Gastrointestinal Disease	381	2	2 - 6	431	2	2 - 5
Gynecologic Disease	38	0	0 -100	49	0	0 - 54
Low-Risk Heart Disease	725	5	2 - 6	601	5	2 - 6
Musculoskeletal/Skin Conditions	348	2	1 - 6	326	2	1 - 5
Neuropsychiatric/Sensory Disease	204	1	1 - 7	206	2	1 - 7
Urologic Disease	237	2	0 - 7	209	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	548
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

VIA FEDERAL EXPRESS

MEDICARE PROVIDER #330167

WINTHROP-UNIVERSITY HOSPITAL
MINEOLA, LONG ISLAND, NEW YORK 11501 • (516) 663-0333
Formerly Nassau Hospital-Established 1896

MARTIN J. DELANEY
President and Chief Executive Officer

(516) 663-2200

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In response to your September 15, 1988 advisory concerning selected mortality information for Winthrop-University Hospital, we wish to make the following comments:

Data Accuracy:
In a case-by-case review all patients listed had in-patient contact with Winthrop-University Hospital during 1987. However, within this group, the following errors were noted:

- Nine (9) errors were identified in either expiration date or discharge date in those cases listed as having expired post discharge. In actuality, these cases expired during hospitalization or in the Emergency Room. This reduces the total number of cases expiring post-discharge from 49 to 40.

- One error was identified in the Renal Failure diagnostic category. The principal diagnosis had been correctly submitted to the abstracting service as congestive heart failure with a secondary diagnosis of chronic renal failure. We were unable to determine how the incorrect information was then transmitted to SPARCS.

- One (1) case of maintenance chemotherapy with an active malignancy status was grouped in the all other diagnostic category. We suggest that a secondary sort for malignancy would allow for a more appropriate cancer grouping for these cases.

- One (1) case of primary carcinoma of the larynx, ICD-9-CM Code 161, was grouped in the all other diagnostic category rather than in the cancer diagnostic category. The rationale for exception of this site is unexplained.

- Hospital characteristic information from the 1986 AHA Annual Survey of Hospitals is incorrect. The number of total licensed bed capacity is 548, not 426. The percent of physicians who are Board Certified Specialists is 69%, not 61%.

Quality Assurance Critique

The HCFA Mortality Report has been reviewed by various hospital groups including clinical departments, Medical Records, the Quality Assurance Department and Committees, Administration, and the governing body of the hospital.

Particular attention was paid to five (5) diagnostic groups that had an actual mortality rate at the upper limit of the predicted mortality rate range. All cases passed quality assurance review.

The hospital also focused on those patients who were identified as having expired after discharge. Each clinical department evaluated cases attributed to them for evidence of premature/inappropriate discharge. All cases passed review.

Methodology Critique

The hospital Quality Assurance Advisory Committee has expressed concern regarding HCFA's determination that the following ICD-9-CM Codes reflect "low risk" disease:

411.1 - Intermediate Coronary Syndrome, Impending Infarction, Preinfarction Angina, Preinfarction Syndrome, Unstable Angina.
413 - Angina Pectoris.
414 - Other forms of chronic Ischemic Heart Disease.

We suggest that there be a reconsideration of all "low risk" categories to insure that appropriate ICD-9-CM Codes are included in each category.

We also suggest that the Trauma category be re-evaluated. Eleven (11) of the seventeen (17) cases reported involved fractures that appeared to have been occasioned through simple falls and all of which were admitted to the Orthopaedic service. There is a distinct difference between this type of case and those that are seen by the trauma service.

We do not question the reasonable concern and interest consumers have in obtaining accurate data regarding the healthcare institutions that serve them. However, we wholeheartedly agree with the statement made by the American Hospital Association that "a mortality rate that is higher or lower than the predicted rate is not an indication of the care provided. It is merely a question." We firmly support continued efforts that will devise a more accurate and meaningful measure of the quality of care.

Sincerely,

Martin J. Delaney

MJD:ND

WOMANS CHRISTIAN ASSOC HOSP

207 FOOTE AVE
JAMESTOWN, NY 14701

Medicare Hospital Provider Number: 330239

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,396	13	12 - 17	2,416	10	10 - 15
Cancer	85	49	39 - 64	59	34	30 - 58
Cerebrovascular Accidents	114	22	19 - 36	94	16	19 - 36
Gastrointestinal Catastrophes	19	32	20 - 63	19	32	20 - 63
Infectious Disease	25	24	17 - 54	27	56	20 - 59
Metabolic/Electrolyte Disorders	87	23	20 - 45	45	11	14 - 40
Pulmonary Disease	129	26	22 - 41	108	21	20 - 39
Renal Failure	8	75	19 - 82	9	67	12 - 77
Severe Acute Heart Disease	80	47	32 - 55	85	40	30 - 53
Severe Chronic Heart Disease	107	27	18 - 36	103	22	17 - 35
Severe Trauma	5	40	5 - 78	3	0	3 - 80
Gastrointestinal Disease	172	2	2 - 7	207	5	2 - 9
Gynecologic Disease	17	0	0 - 94	19	0	0 -100
Low-Risk Heart Disease	309	5	2 - 7	338	4	2 - 7
Musculoskeletal/Skin Conditions	263	2	2 - 6	219	3	1 - 7
Neuropsychiatric/Sensory Disease	92	1	1 - 9	126	2	0 - 9
Urologic Disease	53	0	0 - 12	72	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	245
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	91
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	226
Licensed Practical Nurses:	90

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

WOODHULL MEDICAL MENTAL HEALTH CTR

760 BROADWAY
BROOKLYN, NY 11206

Medicare Hospital Provider Number: 330396

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	975	16	10 - 15	929	18	10 - 16
Cancer	24	50	23 - 63	20	50	21 - 64
Cerebrovascular Accidents	52	38	12 - 39	65	45	14 - 39
Gastrointestinal Catastrophes	6	33	1 - 76	21	38	11 - 54
Infectious Disease	14	71	16 - 63	22	73	16 - 56
Metabolic/Electrolyte Disorders	27	33	8 - 48	31	39	5 - 45
Pulmonary Disease	52	37	14 - 42	56	27	11 - 36
Renal Failure	8	13	5 - 68	6	50	12 - 84
Severe Acute Heart Disease	53	64	25 - 52	33	73	26 - 57
Severe Chronic Heart Disease	94	7	15 - 28	63	16	16 - 35
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	34	3	0 - 50	39	0	0 - 16
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	112	7	0 - 15	103	5	0 - 14
Musculoskeletal/Skin Conditions	42	2	0 - 39	47	4	0 - 67
Neuropsychiatric/Sensory Disease	71	0	0 - 9	48	4	0 - 37
Urologic Disease	25	0	0 - 91	27	0	0 - 65

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	499
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	95
Registered Nurses:	446
Licensed Practical Nurses:	130

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Woodhull Medical and Mental Health Center

760 Broadway, Brooklyn, New York 11206
(718) 963-8101

Carlos A. Loran
Executive Director

October 21, 1988

Mr. William S. Roper
Administrator HCFA
Health Standards and Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, MD 21207

Dear Sirs:

Woodhull Medical and Mental Health Center has serious reservations about the value of HCFA's public release of Medicare death rates. The basic problem is that HCFA attempts to predict a hospital's death rate based on the very limited data available on the Medicare bills of patients that had their last calendar year 1987 admission in that hospital. Omitted from consideration are: 1) the full range of clinical data describing the patient's condition upon admission that are not available on the bill; and 2) several significant variables like patient race and admission source that are available on the bill; and 3) any "credit" for having successfully treated and discharged patients who are later hospitalized in another facility.

Specifically, although national statistics indicate that blacks have substantially higher mortality rates for many diseases targeted in HCFA's model, there is no adjustment for patient race. Forty-two percent of Woodhull's Medicare patients are black. We also know that poor patients are generally in poorer overall health and have less access to primary care which may result in poorer condition upon admission, but no adjustment is made for socioeconomic status, even though a useful proxy for this (i.e., a secondary pay source of Medicaid) is available on the patient bill. 84% of Woodhull's Medicare patients have Medicaid as a secondary pay source. Similarly, admission priority (elective vs. emergent) is associated with mortality risk and is available on the bill, but is not factored into HCFA's prediction model. 91% of our Medicare patients are admitted with an emergent priority.

New York City Health and Hospitals Corporation

The HCFA methodology also fails to consider that Woodhull Hospital serves the Brooklyn Communities of Bedford Stuyvesant, Bushwick, Greenpoint, Williamsburg and Fort Green which have an age-adjusted mortality rate that is 59% greater for all causes than the national average. The high risk nature of our population is especially evident in the severe acute heart disease and infectious disease categories, which are the only categories in which Woodhull's rate exceeded the predicted rage. Our primary service area has a 47% and 100% (respectively) greater age-adjusted mortality rate for these two diseases than that nationally.

The fact that Woodhull's primary service area is at high risk particularly of these two diseases was confirmed by an indepth medical chart review of Medicare deaths.

A review of the deaths identified by HCFA in the severe acute heart disease category, revealed: all but one case was an emergency priority and all arrived by ambulance; 58% arrived in the ER with a Cardiac Arrest; 75% expired within 48 hours of admission; 58% had 5 or more complicating illnesses with an average of 6 per patient.

The review of infectious disease deaths found that, as a whole, all patients represented an extremely ill group with very poor prognosis at the time of admission. 100% arrived by ambulance. 100% had 5 or more complicating illnesses with an average of 11 each. These complicating conditions included End-stage Parkinsons, End-stage Renal Disease, and Advanced Myelofibrosis with Myeloid Metaplasia. 80% were severely incapacitated prior to admission. 30% died within 24 hours of admission. 20% expired in the ICU. All care rendered met professionally recognized standards.

This mortality review has demonstrated that Woodhull Hospital delivers care to a high risk population. We will continue our ongoing review of medical records, including 100% review of inpatient deaths, as part of our comprehensive quality assurance program.

Sincerely,

Carlos A. Loran
Executive Director

CAL/lg

WYCKOFF HEIGHTS HOSP

374 STOCKHOLM ST
BROOKLYN, NY 11237

Medicare Hospital Provider Number: 330221

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,337	14	11 - 15	2,213	15	11 - 16
Cancer	93	40	32 - 55	78	40	29 - 55
Cerebrovascular Accidents	121	29	19 - 36	95	35	20 - 40
Gastrointestinal Catastrophes	27	33	19 - 58	15	27	15 - 61
Infectious Disease	16	25	19 - 63	10	10	14 - 59
Metabolic/Electrolyte Disorders	19	37	13 - 57	19	32	9 - 53
Pulmonary Disease	123	28	18 - 37	198	22	21 - 36
Renal Failure	16	25	14 - 69	16	44	17 - 75
Severe Acute Heart Disease	106	49	28 - 49	100	47	29 - 50
Severe Chronic Heart Disease	202	18	15 - 28	142	26	18 - 34
Severe Trauma	7	29	12 - 75	8	50	8 - 72
Gastrointestinal Disease	191	2	1 - 7	171	2	1 - 7
Gynecologic Disease	13	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	403	4	2 - 7	362	5	2 - 7
Musculoskeletal/Skin Conditions	168	2	1 - 7	144	1	0 - 7
Neuropsychiatric/Sensory Disease	41	5	0 - 26	41	2	0 - 49
Urologic Disease	104	4	0 - 14	107	3	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	312
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

WYOMING CO COMM HOSP

400 N MAIN ST
WARSAW, NY 14569

Medicare Hospital Provider Number: 330008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	850	13	10 - 16	834	14	12 - 17
Cancer	13	77	32 - 78	11	73	23 - 74
Cerebrovascular Accidents	24	33	17 - 54	36	28	19 - 49
Gastrointestinal Catastrophes	9	22	12 - 67	2	0	1 - 91
Infectious Disease	5	0	7 - 65	14	29	13 - 61
Metabolic/Electrolyte Disorders	20	5	11 - 42	27	15	13 - 46
Pulmonary Disease	88	19	17 - 36	82	26	19 - 41
Renal Failure	5	60	10 - 84	4	75	10 - 87
Severe Acute Heart Disease	38	37	23 - 55	53	38	28 - 56
Severe Chronic Heart Disease	47	26	13 - 39	42	29	15 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	80	6	1 - 17	69	1	1 - 11
Gynecologic Disease	6	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	140	4	1 - 9	124	3	1 - 9
Musculoskeletal/Skin Conditions	53	4	1 - 19	42	0	0 - 14
Neuropsychiatric/Sensory Disease	39	0	0 - 21	40	0	0 - 23
Urologic Disease	27	0	0 - 58	24	4	0 - 47

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	174
Occupancy Rate (%):	76
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	47
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WYOMING COUNTY COMMUNITY HOSPITAL AND SNF
wcch

Wyoming County Community Hospital and Skilled Nursing Facility

400 North Main Street • Warsaw, New York 14569-1097 • Telephone: (716) 786-2233

October 19, 1988

Mrs. Sandra Kappart
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, MD 21207

Re: Mortality Data - Medicare 1987

Dear Mrs. Kappart:

In follow up to Dr. Roper's letter of September 15, 1988, we have reviewed the data and offer the following comments.

One case had the wrong expiration date:

Medical Record Number	Patient	Died
[redacted]	[redacted]	3/23/87

Eleven cases died within thirty days of discharge.

Medical Record Number	Date of Discharge	Date of Death
[redacted]	6/9/87	6/13/87
[redacted]	10/10/87	10/16/87
[redacted]	12/28/87	1/4/88
[redacted]	12/29/87	1/3/88
[redacted]	2/13/87	2/17/87
[redacted]	10/1/87	10/5/87
[redacted]	2/2/87	2/5/87
[redacted]	10/12/87	10/31/87
[redacted]	12/31/87	1/26/88
[redacted]	10/13/87	10/28/87
[redacted]	12/27/87	1/2/88

Without knowing the discharge plan, we do not review mortality after discharge.

The Medical Staff, as part of its departmental monthly review, examines all deaths and includes the clinical reviews in quality assurance activities.

Wyoming County Community Hospital is rural and as the sole community provider we respond to all patient needs. Additionally, we have an attached skilled nursing facility. These factors need to be considered in the analysis.

While our mortality rates, in all categories, are within your predicted ranges, we will review the data and await your release before commenting.

Sincerely,

Thomas Wheatley

Thomas J. Wheatley
Administrator

TJW/tfc

YONKERS GENERAL HOSP

TWO PARK AVE
YONKERS, NY 10703

Medicare Hospital Provider Number: 330122

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,255	14	12 - 17	1,386	16	12 - 18
Cancer	65	35	33 - 59	77	49	36 - 62
Cerebrovascular Accidents	64	31	17 - 41	72	18	19 - 39
Gastrointestinal Catastrophes	16	38	18 - 65	11	36	15 - 70
Infectious Disease	27	44	18 - 57	15	47	22 - 71
Metabolic/Electrolyte Disorders	33	24	11 - 45	25	32	11 - 50
Pulmonary Disease	55	42	18 - 45	77	32	18 - 41
Renal Failure	4	25	8 - 84	9	67	14 - 78
Severe Acute Heart Disease	33	48	26 - 60	57	28	27 - 52
Severe Chronic Heart Disease	84	14	16 - 32	75	32	15 - 37
Severe Trauma	1	0	2 - 97	2	0	0 - 95
Gastrointestinal Disease	104	2	1 - 9	92	1	2 - 9
Gynecologic Disease	7	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	212	2	2 - 7	203	5	2 - 9
Musculoskeletal/Skin Conditions	99	2	1 - 10	109	3	1 - 10
Neuropsychiatric/Sensory Disease	67	0	0 - 11	69	0	0 - 9
Urologic Disease	36	3	0 - 50	58	2	0 - 20

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 190
Occupancy Rate (%): 88
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 218
Percent of Physicians Who Are Board Certified Specialists: 53
Interns and Residents: 0
Registered Nurses: 111
Licensed Practical Nurses: 35

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

AGUADILLA REGIONAL HOSP

BO CAMASEYES PO BOX 9368
AGUADILLA, PR 00603

Medicare Hospital Provider Number: 400079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	517	15	7 - 14	650	14	8 - 14
Cancer	4	25	2 - 80	9	44	7 - 67
Cerebrovascular Accidents	29	41	9 - 45	43	40	12 - 42
Gastrointestinal Catastrophes	4	0	4 - 71	11	45	7 - 64
Infectious Disease	8	50	12 - 74	9	22	7 - 63
Metabolic/Electrolyte Disorders	11	36	4 - 62	11	9	5 - 51
Pulmonary Disease	44	27	10 - 39	68	24	13 - 36
Renal Failure	0	-	-	3	67	9 - 91
Severe Acute Heart Disease	20	35	20 - 61	22	36	17 - 56
Severe Chronic Heart Disease	39	26	9 - 38	42	24	8 - 35
Severe Trauma	1	100	0 - 98	1	0	0 - 99
Gastrointestinal Disease	50	0	0 - 12	65	0	0 - 13
Gynecologic Disease	6	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	50	4	0 - 29	64	2	1 - 12
Musculoskeletal/Skin Conditions	47	4	0 - 63	48	4	0 - 69
Neuropsychiatric/Sensory Disease	2	0	0 -100	6	0	0 -100
Urologic Disease	4	25	0 -100	9	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	230
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	111
Licensed Practical Nurses:	84

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ARECIBO DISTRICT HOSP

SAN LUIS AVE
ARECIBO, PR 00612

Medicare Hospital Provider Number: 400087

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,113	25	10 - 16	1,347	23	9 - 15
Cancer	15	33	15 - 61	17	35	13 - 58
Cerebrovascular Accidents	65	66	15 - 39	62	45	15 - 40
Gastrointestinal Catastrophes	7	43	6 - 72	12	83	7 - 55
Infectious Disease	33	73	20 - 53	26	77	19 - 55
Metabolic/Electrolyte Disorders	5	20	2 - 76	11	27	3 - 60
Pulmonary Disease	104	35	14 - 35	117	28	14 - 34
Renal Failure	9	44	6 - 73	17	47	14 - 71
Severe Acute Heart Disease	77	60	26 - 50	74	66	27 - 50
Severe Chronic Heart Disease	70	30	11 - 34	98	27	11 - 30
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	94	5	0 - 22	126	4	0 - 13
Gynecologic Disease	41	0	0 -100	46	2	0 -100
Low-Risk Heart Disease	86	14	0 - 33	114	14	0 - 25
Musculoskeletal/Skin Conditions	84	5	0 - 23	106	1	0 - 12
Neuropsychiatric/Sensory Disease	5	60	0 -100	8	0	0 -100
Urologic Disease	61	2	0 - 34	104	2	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 183
Occupancy Rate (%): (not available)
Ownership/Control: State Government

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

AUXILIO MUTUO HOSP

PONCE DE LEON AVE
HATO REY, PR 00919

Medicare Hospital Provider Number: 400016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,127	12	10 - 14	3,089	10	10 - 14
Cancer	75	41	30 - 55	74	24	27 - 51
Cerebrovascular Accidents	107	29	20 - 39	105	30	21 - 40
Gastrointestinal Catastrophes	37	41	20 - 55	45	36	18 - 50
Infectious Disease	65	34	25 - 52	46	43	22 - 54
Metabolic/Electrolyte Disorders	29	24	12 - 48	29	10	9 - 39
Pulmonary Disease	197	27	20 - 36	166	28	18 - 35
Renal Failure	104	14	6 - 51	110	17	8 - 54
Severe Acute Heart Disease	87	46	31 - 53	108	35	30 - 50
Severe Chronic Heart Disease	150	19	18 - 33	122	15	18 - 32
Severe Trauma	2	0	2 - 89	4	0	6 - 72
Gastrointestinal Disease	268	3	1 - 7	274	3	2 - 7
Gynecologic Disease	36	0	0 -100	55	0	0 - 97
Low-Risk Heart Disease	335	4	2 - 7	342	4	2 - 7
Musculoskeletal/Skin Conditions	240	1	0 - 5	231	1	0 - 6
Neuropsychiatric/Sensory Disease	164	1	1 - 7	196	0	1 - 5
Urologic Disease	161	1	0 - 8	147	1	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	386
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	229
Licensed Practical Nurses:	160

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

BARRANQUITAS HEALTH CENTER

BARCELA ST
BARRANQUITAS, PR 00618

Medicare Hospital Provider Number: 400083

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	16	6	0 - 65	21	5	1 - 37
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	50	0 - 98	1	100	0 -100
Pulmonary Disease	1	0	0 -100	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	1	0	0 -100
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	5	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	2	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	21
Occupancy Rate (%):	14
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	25
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BELLA VISTA HOSP

BOX 1750
MAYAGUEZ, PR 00708

Medicare Hospital Provider Number: 400014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,295	13	10 - 15	1,263	12	8 - 13
Cancer	38	29	23 - 54	32	31	24 - 59
Cerebrovascular Accidents	53	36	14 - 40	41	34	13 - 43
Gastrointestinal Catastrophes	25	40	18 - 58	28	32	17 - 55
Infectious Disease	19	58	17 - 61	6	17	8 - 70
Metabolic/Electrolyte Disorders	16	25	6 - 52	12	33	5 - 60
Pulmonary Disease	112	30	18 - 38	95	35	15 - 37
Renal Failure	4	50	4 - 84	4	50	8 - 86
Severe Acute Heart Disease	52	46	26 - 55	67	61	26 - 51
Severe Chronic Heart Disease	67	21	12 - 33	55	22	12 - 35
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	150	3	1 - 8	161	2	1 - 7
Gynecologic Disease	25	0	0 -100	24	0	0 -100
Low-Risk Heart Disease	95	2	1 - 10	94	1	1 - 8
Musculoskeletal/Skin Conditions	96	0	0 - 6	92	1	0 - 13
Neuropsychiatric/Sensory Disease	21	5	0 - 99	24	0	0 - 91
Urologic Disease	145	1	0 - 9	128	2	0 - 23

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	157
Occupancy Rate (%):	(not available)
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

CAROLINA AREA HOSP

AVE 65TH INFANTERIA BOX 3747
CAROLINA, PR 00630

Medicare Hospital Provider Number: 400112

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,113	18	10 - 16	1,077	17	8 - 13
Cancer	17	29	19 - 63	13	46	14 - 65
Cerebrovascular Accidents	61	36	14 - 39	44	45	14 - 44
Gastrointestinal Catastrophes	6	83	11 - 73	3	33	1 - 87
Infectious Disease	38	76	23 - 54	23	78	19 - 56
Metabolic/Electrolyte Disorders	18	39	4 - 53	13	23	5 - 55
Pulmonary Disease	117	39	17 - 37	133	32	14 - 33
Renal Failure	3	67	7 - 90	2	50	6 - 95
Severe Acute Heart Disease	67	40	24 - 49	43	53	22 - 52
Severe Chronic Heart Disease	63	16	12 - 32	55	25	11 - 35
Severe Trauma	1	0	1 - 97	1	100	0 - 98
Gastrointestinal Disease	75	1	0 - 12	107	7	0 - 20
Gynecologic Disease	5	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	174	3	1 - 8	167	7	1 - 11
Musculoskeletal/Skin Conditions	64	3	0 - 38	77	3	0 - 31
Neuropsychiatric/Sensory Disease	51	0	0 - 21	65	0	0 - 15
Urologic Disease	67	1	0 - 46	75	3	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	250
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	141
Licensed Practical Nurses:	83

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CASTANER GENERAL HOSP

P O BOX 23
CASTANER, PR 00631

Medicare Hospital Provider Number: 400010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	195	10	6 - 16	202	10	5 - 15
Cancer	1	100	2 - 97	2	100	10 - 94
Cerebrovascular Accidents	4	50	3 - 82	4	50	2 - 82
Gastrointestinal Catastrophes	1	0	0 - 99	1	0	3 - 98
Infectious Disease	7	43	8 - 73	1	100	2 - 98
Metabolic/Electrolyte Disorders	3	0	0 - 88	1	0	0 -100
Pulmonary Disease	10	30	10 - 64	14	29	7 - 55
Renal Failure	1	0	0 - 99	0	-	-
Severe Acute Heart Disease	5	60	12 - 82	5	80	12 - 78
Severe Chronic Heart Disease	8	13	8 - 60	7	29	4 - 68
Severe Trauma	1	100	0 -100	0	-	-
Gastrointestinal Disease	17	6	0 - 92	20	0	0 - 87
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	29	0	0 - 25	19	0	0 - 89
Musculoskeletal/Skin Conditions	18	0	0 - 80	21	5	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	2	0	0 -100
Urologic Disease	3	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	33
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

CAYEY HEALTH CENTER

LUIS BARRERAS ST
CAYEY, PR 00633

Medicare Hospital Provider Number: 400037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	56	7	4 - 20	59	8	1 - 20
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	8	25	4 - 65	3	0	0 - 91
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	0 - 97	1	0	1 - 97
Severe Chronic Heart Disease	4	25	1 - 83	2	0	0 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	5	0	0 -100
Gynecologic Disease	2	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	1	100	0 -100	3	33	0 -100
Musculoskeletal/Skin Conditions	10	0	0 -100	9	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	0	-	-	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	42
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	31
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLINICA DR FERNANDEZ GARCIA

358 PONCE DE LEON AVE
HATO REY, PR 00919

Medicare Hospital Provider Number: 400119

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	89	4	2 - 13	0	-	-
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	8	25	1 - 69	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	188
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLINICA DR PILA

PO BOX 1910 LAS AMERICAS AVE
PONCE, PR 00731

Medicare Hospital Provider Number: 400003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	939	12	9 - 15	824	11	7 - 13
Cancer	15	20	15 - 58	10	40	17 - 73
Cerebrovascular Accidents	59	27	16 - 40	37	22	14 - 42
Gastrointestinal Catastrophes	8	38	11 - 72	11	27	12 - 65
Infectious Disease	3	33	3 - 86	6	50	11 - 78
Metabolic/Electrolyte Disorders	11	9	4 - 51	16	0	3 - 34
Pulmonary Disease	76	32	15 - 38	41	27	10 - 40
Renal Failure	3	33	10 - 92	1	100	2 - 97
Severe Acute Heart Disease	35	49	24 - 57	27	48	22 - 59
Severe Chronic Heart Disease	60	22	12 - 34	44	30	10 - 38
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	74	4	1 - 15	74	3	0 - 14
Gynecologic Disease	19	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	125	3	1 - 9	129	7	1 - 13
Musculoskeletal/Skin Conditions	72	4	0 - 18	64	0	0 - 10
Neuropsychiatric/Sensory Disease	29	3	0 - 67	73	0	0 - 15
Urologic Disease	69	0	0 - 11	37	0	0 - 77

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 109
Occupancy Rate (%): 96
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 70
Percent of Physicians Who Are Board Certified Specialists: 17
Interns and Residents: 12
Registered Nurses: 86
Licensed Practical Nurses: 77

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

CLINICA ESPANOLA INC

BOX 490 LA QUINTA
MAYAGUEZ, PR 00709

Medicare Hospital Provider Number: 400024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	552	11	12 - 18	636	12	11 - 17
Cancer	14	57	20 - 69	13	46	18 - 69
Cerebrovascular Accidents	33	18	17 - 45	49	22	18 - 43
Gastrointestinal Catastrophes	9	11	16 - 65	12	8	18 - 59
Infectious Disease	1	100	0 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	70	24	18 - 41	66	36	21 - 46
Renal Failure	2	50	5 - 94	3	33	9 - 92
Severe Acute Heart Disease	22	41	18 - 59	19	53	22 - 65
Severe Chronic Heart Disease	49	14	15 - 36	38	13	19 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	67	0	1 - 8	94	0	1 - 6
Gynecologic Disease	7	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	77	0	3 - 8	92	3	2 - 11
Musculoskeletal/Skin Conditions	29	7	0 - 49	53	0	0 - 11
Neuropsychiatric/Sensory Disease	5	0	0 -100	11	9	0 -100
Urologic Disease	19	0	0 - 51	29	3	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	89
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLINICA ONCOLOGICA

BOX 1324
PONCE, PR 00731

Medicare Hospital Provider Number: 400028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	333	17	15 - 24	311	14	16 - 25
Cancer	70	34	32 - 58	68	22	32 - 56
Cerebrovascular Accidents	0	-	-	1	0	0 - 98
Gastrointestinal Catastrophes	2	0	1 - 89	2	50	3 - 92
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	1	0	0 -100
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	100	0 -100	1	100	2 - 97
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	0	0 - 50	16	6	0 - 80
Gynecologic Disease	4	0	0 - 99	1	0	0 -100
Low-Risk Heart Disease	3	0	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	8	0	0 - 99	5	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	16	0	0 -100	13	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	86
Occupancy Rate (%):	50
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	47
Percent of Physicians Who Are Board Certified Specialists:	38
Interns and Residents:	1
Registered Nurses:	39
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DE DIEGO HOSP

P O BOX 11278
SANTURCE, PR 00910

Medicare Hospital Provider Number: 400008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	459	8	7 - 13	486	9	7 - 13
Cancer	6	33	10 - 76	3	0	2 - 79
Cerebrovascular Accidents	11	0	12 - 44	14	21	11 - 55
Gastrointestinal Catastrophes	6	33	7 - 75	6	50	11 - 78
Infectious Disease	3	33	6 - 87	1	100	1 - 97
Metabolic/Electrolyte Disorders	13	8	4 - 47	22	5	7 - 37
Pulmonary Disease	22	32	8 - 48	25	32	12 - 49
Renal Failure	7	57	9 - 78	3	33	11 - 94
Severe Acute Heart Disease	16	44	18 - 64	23	30	18 - 56
Severe Chronic Heart Disease	21	14	7 - 41	24	25	10 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	45	0	0 - 13	48	2	0 - 19
Gynecologic Disease	15	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	68	1	1 - 12	61	3	0 - 20
Musculoskeletal/Skin Conditions	20	0	0 - 50	25	4	0 - 79
Neuropsychiatric/Sensory Disease	17	0	0 - 90	24	0	0 - 50
Urologic Disease	52	0	0 - 19	50	0	0 - 57

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	202
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	75
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

DEL MAESTRO HOSP

SERGIO CUEVAS BUSTAMANTE ST
HATO REY, PR 00919

Medicare Hospital Provider Number: 400004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,174	11	8 - 13	1,237	11	8 - 13
Cancer	23	35	21 - 60	27	48	18 - 57
Cerebrovascular Accidents	58	24	16 - 39	39	31	15 - 44
Gastrointestinal Catastrophes	9	33	19 - 76	12	25	13 - 63
Infectious Disease	12	0	19 - 51	6	33	13 - 79
Metabolic/Electrolyte Disorders	13	31	12 - 62	12	25	5 - 57
Pulmonary Disease	66	29	12 - 37	78	36	15 - 38
Renal Failure	2	50	1 - 94	1	100	3 - 99
Severe Acute Heart Disease	31	58	26 - 61	58	34	26 - 52
Severe Chronic Heart Disease	55	18	12 - 34	42	17	10 - 35
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	104	2	1 - 10	127	4	1 - 10
Gynecologic Disease	28	0	0 -100	30	0	0 -100
Low-Risk Heart Disease	208	4	1 - 8	175	5	1 - 9
Musculoskeletal/Skin Conditions	77	0	1 - 8	84	2	0 - 16
Neuropsychiatric/Sensory Disease	17	0	0 - 61	33	0	0 - 48
Urologic Disease	87	1	0 - 11	86	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	297
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	99
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DOCTORS CENTER HOSPITAL

PO BOX 532
MANATI, PR 00701

Medicare Hospital Provider Number: 400118

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	107	1	3 - 10	0	-	-
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	6	0	4 - 57	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	5	0	2 - 66	0	-	-
Severe Trauma	1	0	0 -100	0	-	-
Gastrointestinal Disease	21	0	0 - 84	0	-	-
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	14	0	0 - 97	0	-	-
Musculoskeletal/Skin Conditions	12	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	5	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	112
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	51
Licensed Practical Nurses:	32

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DOCTORS HOSP

P O BOX 11338
SANTURCE, PR 00910

Medicare Hospital Provider Number: 400006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	684	9	5 - 10	683	7	5 - 10
Cancer	14	29	12 - 59	18	17	18 - 56
Cerebrovascular Accidents	22	32	9 - 48	28	29	11 - 45
Gastrointestinal Catastrophes	2	50	5 - 94	6	33	9 - 76
Infectious Disease	2	100	5 - 89	2	50	2 - 92
Metabolic/Electrolyte Disorders	8	25	1 - 70	3	33	0 - 98
Pulmonary Disease	17	35	9 - 54	31	35	11 - 46
Renal Failure	2	50	4 - 93	0	-	-
Severe Acute Heart Disease	18	44	19 - 63	12	50	14 - 66
Severe Chronic Heart Disease	15	27	6 - 52	9	11	7 - 56
Severe Trauma	7	29	3 - 70	5	20	3 - 75
Gastrointestinal Disease	58	5	0 - 27	43	0	0 - 23
Gynecologic Disease	17	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	58	5	0 - 22	51	6	0 - 26
Musculoskeletal/Skin Conditions	73	1	0 - 17	71	0	0 - 13
Neuropsychiatric/Sensory Disease	171	1	0 - 7	159	0	0 - 5
Urologic Disease	28	4	0 -100	37	3	0 - 88

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	160
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	42
Licensed Practical Nurses:	50

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

DR ALEJANDRO OTERO LOPEZ HOSPITAL

STATE RD 668 HDEZ CARRION ST
URB ATENAS MANATI, PR 00701

Medicare Hospital Provider Number: 400114

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,418	10	8 - 12	1,398	11	7 - 12
Cancer	17	18	22 - 61	10	30	13 - 67
Cerebrovascular Accidents	29	34	13 - 47	28	36	9 - 45
Gastrointestinal Catastrophes	2	50	3 - 92	5	40	4 - 78
Infectious Disease	29	41	18 - 56	17	53	15 - 62
Metabolic/Electrolyte Disorders	16	13	8 - 48	23	22	6 - 46
Pulmonary Disease	111	25	16 - 36	111	31	16 - 36
Renal Failure	3	0	4 - 81	3	33	2 - 88
Severe Acute Heart Disease	36	44	26 - 59	54	57	28 - 55
Severe Chronic Heart Disease	77	23	13 - 33	79	22	13 - 33
Severe Trauma	3	33	2 - 87	0	-	-
Gastrointestinal Disease	176	2	1 - 7	161	2	1 - 8
Gynecologic Disease	29	0	0 -100	30	0	0 -100
Low-Risk Heart Disease	266	2	2 - 6	248	3	1 - 6
Musculoskeletal/Skin Conditions	105	0	1 - 6	100	4	0 - 16
Neuropsychiatric/Sensory Disease	41	0	0 - 23	73	0	0 - 11
Urologic Disease	60	2	0 - 33	52	0	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	156
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	15
Registered Nurses:	122
Licensed Practical Nurses:	93

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DR EDUARDO GARRIDO MORALES HOSP

TURABO GARDENS, APARTADO 5729
CAGUAS, PR 00626

Medicare Hospital Provider Number: 400104

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,095	25	9 - 15	1,234	25	9 - 15
Cancer	12	42	12 - 65	23	39	19 - 59
Cerebrovascular Accidents	18	56	8 - 53	38	63	11 - 43
Gastrointestinal Catastrophes	11	36	12 - 67	9	44	8 - 68
Infectious Disease	37	73	19 - 51	34	91	18 - 45
Metabolic/Electrolyte Disorders	20	55	4 - 52	9	33	2 - 68
Pulmonary Disease	141	43	16 - 35	155	46	15 - 34
Renal Failure	15	40	5 - 65	17	47	9 - 67
Severe Acute Heart Disease	90	60	26 - 48	79	66	24 - 47
Severe Chronic Heart Disease	49	33	8 - 36	38	18	10 - 37
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	75	3	0 - 21	115	6	0 - 21
Gynecologic Disease	18	0	0 -100	23	0	0 -100
Low-Risk Heart Disease	124	8	0 - 18	159	12	1 - 15
Musculoskeletal/Skin Conditions	88	3	0 - 18	83	4	0 - 38
Neuropsychiatric/Sensory Disease	60	3	0 - 43	53	2	0 - 45
Urologic Disease	19	0	0 -100	21	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	282
Occupancy Rate (%):	68
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	86
Percent of Physicians Who Are Board Certified Specialists:	34
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DR GUBERNS HOSP

ANTONIO R BARCELO 110
FAJARDO, PR 00648

Medicare Hospital Provider Number: 400094

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	317	6	5 - 11	347	7	6 - 12
Cancer	2	50	3 - 92	6	67	13 - 79
Cerebrovascular Accidents	8	25	8 - 66	14	14	8 - 49
Gastrointestinal Catastrophes	2	50	6 - 94	2	50	5 - 94
Infectious Disease	0	-	-	3	33	3 - 86
Metabolic/Electrolyte Disorders	1	0	0 -100	8	13	2 - 62
Pulmonary Disease	17	12	11 - 46	16	31	11 - 56
Renal Failure	2	100	3 - 89	1	0	1 - 97
Severe Acute Heart Disease	9	11	14 - 62	8	0	14 - 55
Severe Chronic Heart Disease	9	44	6 - 66	13	8	8 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	48	0	0 - 13	51	4	0 - 20
Gynecologic Disease	5	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	35	0	1 - 17	43	0	1 - 13
Musculoskeletal/Skin Conditions	9	0	0 -100	21	0	0 - 72
Neuropsychiatric/Sensory Disease	12	0	0 - 98	14	0	0 - 95
Urologic Disease	58	5	0 - 80	58	2	0 - 40

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 51
Occupancy Rate (%): (not available)
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

DR I GONZALEZ MARTINEZ ONCOLOGIC HOS

BOX 1811 CENTRO MEDICO
HATO REY, PR 00919

Medicare Hospital Provider Number: 400012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	507	18	15 - 23	629	13	14 - 20
Cancer	100	38	31 - 54	134	30	32 - 53
Cerebrovascular Accidents	4	75	2 - 81	1	0	2 - 98
Gastrointestinal Catastrophes	4	0	5 - 71	3	33	2 - 87
Infectious Disease	3	33	8 - 89	1	100	3 - 99
Metabolic/Electrolyte Disorders	12	42	24 - 77	1	0	3 - 98
Pulmonary Disease	9	33	11 - 68	6	33	7 - 74
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	3	67	11 - 92	3	33	5 - 86
Severe Chronic Heart Disease	1	100	2 - 97	3	33	2 - 87
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	20	0	0 - 32	26	0	0 - 49
Gynecologic Disease	11	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	4	0	0 -100	14	0	0 - 52
Musculoskeletal/Skin Conditions	6	0	0 -100	8	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	1	0	0 -100
Urologic Disease	35	3	0 - 55	41	0	0 - 25

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 143
Ownership/Control: Private, Non-profit

STAFFING

Interns and Residents: 0
Registered Nurses: 57
Licensed Practical Nurses: 52

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

DR RAMON RUIZ ARNAU BAYAMON REGIONAL

LAUREL AVE SANTA JUANITA
BAYAMON, PR 00619

Medicare Hospital Provider Number: 400105

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,142	16	8 - 14	1,181	19	9 - 14
Cancer	14	57	14 - 64	25	32	20 - 57
Cerebrovascular Accidents	38	55	11 - 43	30	53	11 - 46
Gastrointestinal Catastrophes	10	10	13 - 59	7	57	13 - 77
Infectious Disease	25	60	16 - 56	22	73	13 - 53
Metabolic/Electrolyte Disorders	13	54	6 - 60	8	13	3 - 61
Pulmonary Disease	101	34	14 - 35	85	51	15 - 38
Renal Failure	3	33	3 - 87	2	50	7 - 97
Severe Acute Heart Disease	77	42	27 - 51	69	57	26 - 51
Severe Chronic Heart Disease	47	11	12 - 32	75	19	16 - 35
Severe Trauma	1	0	0 - 99	1	0	0 - 99
Gastrointestinal Disease	90	8	1 - 18	104	9	0 - 24
Gynecologic Disease	7	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	144	4	1 - 10	130	9	0 - 16
Musculoskeletal/Skin Conditions	114	3	0 - 14	104	3	0 - 23
Neuropsychiatric/Sensory Disease	45	0	0 - 26	60	3	0 - 59
Urologic Disease	59	0	0 - 34	73	3	0 - 48

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#): 415
Ownership/Control: State Government

STAFFING

Interns and Residents: 30
Registered Nurses: 213
Licensed Practical Nurses: 151

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

DRES HERMANOS YORDAN

AVENUE DE DIEGO
RIO PIEDRAS, PR 00935

Medicare Hospital Provider Number: 400025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1	0	0 -100	40	5	5 - 22
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	100	0 - 99
Pulmonary Disease	0	-	-	1	0	0 -100
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	10	0	21 - 55
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	8	0	0 -100
Musculoskeletal/Skin Conditions	0	-	-	2	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	11	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	67
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FAJARDO SUB REGIONAL HOSP

GENERAL VALERO AVE
FAJARDO, PR 00648

Medicare Hospital Provider Number: 400029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,276	15	8 - 13	764	13	7 - 13
Cancer	9	56	14 - 73	9	67	17 - 74
Cerebrovascular Accidents	47	40	13 - 42	18	22	7 - 48
Gastrointestinal Catastrophes	8	50	12 - 74	6	50	14 - 81
Infectious Disease	28	57	21 - 59	3	67	6 - 87
Metabolic/Electrolyte Disorders	32	25	5 - 42	26	46	11 - 52
Pulmonary Disease	92	34	15 - 37	35	31	10 - 42
Renal Failure	5	40	9 - 83	4	75	13 - 89
Severe Acute Heart Disease	58	52	24 - 51	26	58	21 - 58
Severe Chronic Heart Disease	62	26	11 - 34	48	23	11 - 36
Severe Trauma	1	0	0 - 98	1	0	0 - 99
Gastrointestinal Disease	101	5	0 - 16	81	9	0 - 26
Gynecologic Disease	31	3	0 -100	12	0	0 -100
Low-Risk Heart Disease	174	4	1 - 9	107	7	0 - 15
Musculoskeletal/Skin Conditions	83	5	0 - 21	50	2	0 - 26
Neuropsychiatric/Sensory Disease	94	1	0 - 10	53	0	0 - 18
Urologic Disease	102	10	0 - 56	43	2	0 - 55

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 180
Ownership/Control: State Government

STAFFING

Interns and Residents: 0
Registered Nurses: 97
Licensed Practical Nurses: 103

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

FONT CLINIC

4 MENDOZA ST
CAYEY, PR 00633

Medicare Hospital Provider Number: 400013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	599	7	7 - 13	620	6	7 - 12
Cancer	6	0	10 - 61	3	33	6 - 87
Cerebrovascular Accidents	20	25	14 - 52	20	20	13 - 49
Gastrointestinal Catastrophes	1	100	3 - 98	2	50	4 - 93
Infectious Disease	6	33	11 - 77	2	50	6 - 94
Metabolic/Electrolyte Disorders	19	11	6 - 42	6	17	3 - 70
Pulmonary Disease	40	30	16 - 46	30	13	17 - 44
Renal Failure	2	0	2 - 89	0	-	-
Severe Acute Heart Disease	22	36	25 - 64	14	36	23 - 70
Severe Chronic Heart Disease	13	15	11 - 53	29	10	16 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	126	0	1 - 6	105	1	1 - 8
Gynecologic Disease	6	0	0 -100	8	13	0 -100
Low-Risk Heart Disease	120	3	1 - 10	126	1	1 - 7
Musculoskeletal/Skin Conditions	45	0	1 - 13	42	0	1 - 13
Neuropsychiatric/Sensory Disease	26	0	0 - 32	29	0	0 - 43
Urologic Disease	41	2	0 - 74	70	1	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	65
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

FONT MARTELLO HOSP

BOX 639
HUMACAO, PR 00661

Medicare Hospital Provider Number: 400005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	579	9	6 - 12	555	8	6 - 12
Cancer	8	38	12 - 72	8	50	8 - 70
Cerebrovascular Accidents	16	13	9 - 46	28	18	13 - 43
Gastrointestinal Catastrophes	3	100	10 - 82	6	33	4 - 73
Infectious Disease	17	41	13 - 59	7	29	9 - 71
Metabolic/Electrolyte Disorders	2	50	0 - 98	6	0	2 - 62
Pulmonary Disease	30	20	10 - 42	14	14	7 - 49
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	22	41	21 - 61	18	50	25 - 69
Severe Chronic Heart Disease	27	30	9 - 44	22	14	8 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	61	0	0 - 10	62	0	0 - 10
Gynecologic Disease	14	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	151	1	1 - 6	133	4	1 - 10
Musculoskeletal/Skin Conditions	45	0	0 - 20	33	0	0 - 44
Neuropsychiatric/Sensory Disease	19	0	0 - 89	26	0	0 - 66
Urologic Disease	22	0	0 - 99	24	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	105
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

GUAYAMA AREA HOSP

PO BOX 910
GUAYAMA, PR 00654

Medicare Hospital Provider Number: 400048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	554	11	7 - 13	624	17	9 - 16
Cancer	7	14	8 - 65	15	40	19 - 67
Cerebrovascular Accidents	33	24	13 - 44	35	43	11 - 44
Gastrointestinal Catastrophes	11	36	11 - 66	11	55	12 - 67
Infectious Disease	0	-	-	1	0	0 - 99
Metabolic/Electrolyte Disorders	5	40	1 - 81	9	22	2 - 66
Pulmonary Disease	30	23	9 - 41	38	47	14 - 47
Renal Failure	4	0	2 - 76	3	33	4 - 87
Severe Acute Heart Disease	24	50	22 - 61	33	67	25 - 58
Severe Chronic Heart Disease	32	6	14 - 35	46	28	12 - 39
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	49	4	0 - 53	70	4	0 - 20
Gynecologic Disease	9	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	58	3	0 - 20	67	7	0 - 26
Musculoskeletal/Skin Conditions	57	7	0 - 58	48	0	0 - 17
Neuropsychiatric/Sensory Disease	10	30	0 -100	4	0	0 -100
Urologic Disease	62	2	0 - 33	57	0	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	161
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	137
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

GUAYNABO HEALTH CENTER

P O BOX 31
GUAYNABO, PR 00657

Medicare Hospital Provider Number: 400060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	9	11	1 - 60	89	4	5 - 15
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 97	8	13	4 - 60
Pulmonary Disease	1	0	1 - 97	12	17	7 - 53
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	2	0	0 - 96	6	0	4 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	7	0	0 -100
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	0	-	-	2	0	0 -100
Musculoskeletal/Skin Conditions	3	0	0 -100	28	4	0 - 92
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#): 50
Ownership/Control: State Government

STAFFING

Interns and Residents: 0
Registered Nurses: 17
Licensed Practical Nurses: 0

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

HATO REY COMMUNITY HOSP

435 PONCE DE LEON AVE
HATO REY, PR 00919

Medicare Hospital Provider Number: 400027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	676	6	6 - 11	687	5	5 - 10
Cancer	16	25	24 - 67	15	13	30 - 68
Cerebrovascular Accidents	20	15	8 - 43	19	21	10 - 48
Gastrointestinal Catastrophes	3	33	4 - 86	0	-	-
Infectious Disease	10	60	15 - 71	5	40	7 - 79
Metabolic/Electrolyte Disorders	6	0	4 - 59	5	0	0 - 83
Pulmonary Disease	23	4	12 - 36	29	14	9 - 38
Renal Failure	0	-	-	4	50	13 - 92
Severe Acute Heart Disease	23	35	22 - 61	12	42	14 - 66
Severe Chronic Heart Disease	19	11	7 - 40	15	27	5 - 52
Severe Trauma	2	0	1 - 91	2	0	1 - 90
Gastrointestinal Disease	63	5	0 - 33	72	0	0 - 9
Gynecologic Disease	19	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	86	0	1 - 6	80	2	1 - 12
Musculoskeletal/Skin Conditions	96	1	0 - 15	70	0	0 - 11
Neuropsychiatric/Sensory Disease	65	0	0 - 16	114	1	0 - 12
Urologic Disease	42	2	0 - 61	41	0	0 - 68

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	224
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	52
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HOSP DE LA CONCEPCION

41 LUNA ST
SAN GERMAN, PR 00753

Medicare Hospital Provider Number: 400021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,069	13	11 - 16	1,217	16	11 - 16
Cancer	30	37	21 - 57	29	34	20 - 56
Cerebrovascular Accidents	54	26	16 - 41	62	26	18 - 41
Gastrointestinal Catastrophes	10	30	11 - 66	9	56	9 - 69
Infectious Disease	28	36	16 - 53	14	71	19 - 66
Metabolic/Electrolyte Disorders	8	25	4 - 66	23	22	10 - 48
Pulmonary Disease	79	29	19 - 41	131	32	18 - 37
Renal Failure	9	56	10 - 75	22	23	6 - 60
Severe Acute Heart Disease	61	23	26 - 49	54	28	25 - 50
Severe Chronic Heart Disease	74	19	13 - 33	95	27	15 - 34
Severe Trauma	0	-	-	2	0	1 - 90
Gastrointestinal Disease	97	2	0 - 11	122	2	1 - 9
Gynecologic Disease	16	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	120	3	1 - 10	110	7	1 - 15
Musculoskeletal/Skin Conditions	70	3	0 - 32	75	3	0 - 15
Neuropsychiatric/Sensory Disease	10	0	0 -100	23	0	0 - 65
Urologic Disease	75	3	0 - 37	78	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	167
Ownership/Control:	Church

STAFFING

Interns and Residents:	12
Registered Nurses:	105
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSP DR DOMIQUEZ

P O BOX 967
HUMACAO, PR 00661

Medicare Hospital Provider Number: 400011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	538	9	6 - 12	507	7	5 - 11
Cancer	7	29	6 - 69	6	17	12 - 73
Cerebrovascular Accidents	17	41	13 - 58	10	30	6 - 61
Gastrointestinal Catastrophes	5	40	5 - 78	3	0	5 - 79
Infectious Disease	8	75	21 - 79	1	100	1 - 97
Metabolic/Electrolyte Disorders	3	0	1 - 85	3	67	2 - 86
Pulmonary Disease	26	15	11 - 42	21	33	8 - 49
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	18	50	23 - 67	17	41	16 - 61
Severe Chronic Heart Disease	17	18	6 - 46	15	27	5 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	95	7	0 - 26	102	0	1 - 6
Gynecologic Disease	8	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	53	4	0 - 30	67	0	1 - 8
Musculoskeletal/Skin Conditions	39	0	0 - 24	27	0	0 - 26
Neuropsychiatric/Sensory Disease	27	0	0 - 41	32	3	0 - 82
Urologic Disease	55	2	0 - 67	50	0	0 - 30

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	62
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	49
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HOSP DR SUSONI INC

55 PALM ST PO BOX 1298
ARECIBO, PR 00613

Medicare Hospital Provider Number: 400117

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	653	13	7 - 13	169	9	3 - 13
Cancer	6	33	5 - 73	1	0	1 - 97
Cerebrovascular Accidents	14	29	11 - 57	7	29	4 - 68
Gastrointestinal Catastrophes	2	50	3 - 92	2	100	5 - 89
Infectious Disease	3	33	3 - 86	0	-	-
Metabolic/Electrolyte Disorders	3	33	3 - 86	3	33	1 - 89
Pulmonary Disease	54	33	17 - 44	7	14	7 - 64
Renal Failure	1	100	2 - 97	2	0	1 - 91
Severe Acute Heart Disease	41	41	21 - 52	2	0	5 - 89
Severe Chronic Heart Disease	34	15	10 - 36	5	0	1 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	86	3	0 - 18	34	3	0 - 70
Gynecologic Disease	28	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	68	10	0 - 34	12	0	0 - 88
Musculoskeletal/Skin Conditions	47	0	0 - 15	16	6	0 -100
Neuropsychiatric/Sensory Disease	7	0	0 -100	3	0	0 -100
Urologic Disease	55	2	0 - 87	20	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	138
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	78
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSP DR TITO MATTEI

ROAD 128 PO BOX 68
YAUCO, PR 00768

Medicare Hospital Provider Number: 400110

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	379	18	7 - 16	457	17	7 - 15
Cancer	2	50	2 - 92	2	50	4 - 92
Cerebrovascular Accidents	26	46	13 - 51	19	32	9 - 51
Gastrointestinal Catastrophes	0	-	-	4	75	4 - 80
Infectious Disease	7	43	7 - 72	2	50	1 - 94
Metabolic/Electrolyte Disorders	4	75	0 - 88	1	100	0 -100
Pulmonary Disease	29	45	10 - 47	27	48	10 - 48
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	28	36	19 - 55	36	50	22 - 55
Severe Chronic Heart Disease	14	29	4 - 54	17	35	6 - 52
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	42	0	0 - 18	58	3	0 - 32
Gynecologic Disease	7	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	43	14	0 - 62	54	6	0 - 24
Musculoskeletal/Skin Conditions	42	0	0 - 14	40	0	0 - 27
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	20	0	0 -100	29	0	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	186
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	87
Licensed Practical Nurses:	43

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSP HERNANDOS MELENDEZ

P O BOX 306
BAYAMON, PR 00619

Medicare Hospital Provider Number: 400032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,089	9	7 - 12	1,172	10	7 - 12
Cancer	18	33	20 - 63	14	43	16 - 66
Cerebrovascular Accidents	40	15	16 - 40	48	27	14 - 40
Gastrointestinal Catastrophes	9	11	10 - 60	9	44	5 - 67
Infectious Disease	9	44	7 - 67	6	67	11 - 77
Metabolic/Electrolyte Disorders	15	7	8 - 45	18	11	5 - 43
Pulmonary Disease	49	31	12 - 40	51	31	14 - 42
Renal Failure	3	67	6 - 89	3	33	7 - 89
Severe Acute Heart Disease	38	34	23 - 54	52	50	26 - 54
Severe Chronic Heart Disease	48	21	10 - 35	28	36	7 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	130	3	1 - 9	149	1	1 - 6
Gynecologic Disease	23	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	148	1	1 - 7	180	3	1 - 8
Musculoskeletal/Skin Conditions	85	1	0 - 15	66	0	0 - 12
Neuropsychiatric/Sensory Disease	45	0	0 - 23	87	0	0 - 9
Urologic Disease	76	3	0 - 17	68	3	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	203
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	97
Licensed Practical Nurses:	104

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSP MATILDE BRENES

BAYAMON, PR 00619

Medicare Hospital Provider Number: 400102

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	575	6	6 - 12	566	7	5 - 10
Cancer	3	67	9 - 90	3	33	6 - 87
Cerebrovascular Accidents	14	21	9 - 53	6	0	5 - 57
Gastrointestinal Catastrophes	4	25	11 - 84	3	100	2 - 80
Infectious Disease	7	43	7 - 72	4	75	16 - 90
Metabolic/Electrolyte Disorders	1	0	0 -100	4	50	1 - 85
Pulmonary Disease	31	16	11 - 40	28	25	11 - 45
Renal Failure	3	67	9 - 91	0	-	-
Severe Acute Heart Disease	17	35	22 - 66	2	50	5 - 93
Severe Chronic Heart Disease	32	16	11 - 38	31	19	10 - 39
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	66	0	1 - 8	51	0	1 - 11
Gynecologic Disease	13	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	61	2	1 - 12	58	0	1 - 9
Musculoskeletal/Skin Conditions	76	1	0 - 13	80	0	0 - 10
Neuropsychiatric/Sensory Disease	18	0	0 - 54	21	5	0 - 96
Urologic Disease	45	0	0 - 63	49	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	106
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	77
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSP SAN CARLOS BORROMEO

RD 110 KM 12 2
MOCA, PR 00716

Medicare Hospital Provider Number: 400111

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	645	10	10 - 16	648	11	8 - 14
Cancer	5	20	5 - 74	6	17	8 - 70
Cerebrovascular Accidents	23	22	10 - 46	25	36	11 - 49
Gastrointestinal Catastrophes	2	50	3 - 92	4	50	3 - 82
Infectious Disease	9	44	9 - 69	7	57	9 - 73
Metabolic/Electrolyte Disorders	10	0	9 - 46	6	33	1 - 78
Pulmonary Disease	94	21	18 - 38	92	28	13 - 35
Renal Failure	2	50	1 - 93	1	0	0 -100
Severe Acute Heart Disease	25	40	23 - 61	14	50	20 - 68
Severe Chronic Heart Disease	32	19	13 - 42	40	20	11 - 38
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	77	1	0 - 11	86	0	1 - 7
Gynecologic Disease	7	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	93	3	1 - 11	89	1	1 - 8
Musculoskeletal/Skin Conditions	30	0	0 - 47	36	0	0 - 20
Neuropsychiatric/Sensory Disease	12	0	0 - 98	21	0	0 - 93
Urologic Disease	13	0	0 -100	18	6	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	64
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	57
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HOSP SAN CRISTOBAL

CARR 506 BO COTO LAUREL
PONCE, PR 00644

Medicare Hospital Provider Number: 400113

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	782	13	9 - 15	669	12	8 - 14
Cancer	3	0	5 - 79	6	67	9 - 75
Cerebrovascular Accidents	48	29	14 - 40	44	34	14 - 42
Gastrointestinal Catastrophes	9	33	9 - 68	8	25	9 - 68
Infectious Disease	9	56	7 - 67	4	50	4 - 82
Metabolic/Electrolyte Disorders	34	18	5 - 39	10	10	1 - 58
Pulmonary Disease	38	45	13 - 46	36	39	11 - 44
Renal Failure	1	0	0 - 98	3	0	9 - 85
Severe Acute Heart Disease	46	41	25 - 55	30	43	19 - 55
Severe Chronic Heart Disease	81	25	12 - 32	65	18	13 - 34
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	40	0	0 - 21	59	0	1 - 10
Gynecologic Disease	10	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	122	3	1 - 10	86	1	1 - 9
Musculoskeletal/Skin Conditions	40	0	0 - 22	37	3	0 - 66
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	79	1	0 - 16	62	3	0 - 25

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	103
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	78
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HOSP SAN RAFAEL

P O BOX 997
CAGUAS, PR 00625

Medicare Hospital Provider Number: 400090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,135	8	9 - 13	1,086	6	7 - 12
Cancer	10	40	17 - 72	14	50	21 - 70
Cerebrovascular Accidents	47	9	18 - 36	31	19	15 - 44
Gastrointestinal Catastrophes	8	38	8 - 70	5	20	6 - 75
Infectious Disease	8	38	7 - 69	7	29	8 - 70
Metabolic/Electrolyte Disorders	42	5	7 - 31	17	0	11 - 39
Pulmonary Disease	70	23	16 - 38	43	16	15 - 40
Renal Failure	4	50	7 - 85	1	0	2 - 97
Severe Acute Heart Disease	55	29	26 - 52	24	25	17 - 52
Severe Chronic Heart Disease	94	16	13 - 30	132	13	16 - 30
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	118	0	1 - 6	161	1	1 - 6
Gynecologic Disease	20	0	0 -100	38	0	0 -100
Low-Risk Heart Disease	134	1	1 - 7	103	1	1 - 8
Musculoskeletal/Skin Conditions	51	0	0 - 17	49	0	0 - 27
Neuropsychiatric/Sensory Disease	38	0	0 - 25	77	0	0 - 11
Urologic Disease	66	5	0 - 86	67	1	0 - 40

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	104
Occupancy Rate (%):	81
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	191
Percent of Physicians Who Are Board Certified Specialists:	39
Interns and Residents:	0
Registered Nurses:	64
Licensed Practical Nurses:	49

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSPITAL MIMIYA INC

DE DIEGO AVE 303
SANTURCE, PR 00940

Medicare Hospital Provider Number: 400088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	310	2	3 - 8	587	3	1 - 6
Cancer	1	0	0 - 98	1	100	3 - 98
Cerebrovascular Accidents	5	20	11 - 77	1	0	0 - 98
Gastrointestinal Catastrophes	0	-	-	2	0	3 - 88
Infectious Disease	1	100	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 99	5	0	1 - 71
Pulmonary Disease	4	25	2 - 80	6	33	4 - 73
Renal Failure	0	-	-	1	0	2 - 97
Severe Acute Heart Disease	9	22	16 - 69	3	33	8 - 89
Severe Chronic Heart Disease	0	-	-	8	13	6 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	17	0	0 - 73
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	15	0	0 - 75	12	8	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	9	11	0 -100
Neuropsychiatric/Sensory Disease	197	0	1 - 5	464	1	0 - 5
Urologic Disease	18	0	0 -100	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	57
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSPITAL SAN FRANSISCO

371 DE DIEGO AVE
RIO PIEDRAS, PR 00923

Medicare Hospital Provider Number: 400098

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	606	9	6 - 11	801	9	6 - 12
Cancer	3	33	3 - 86	11	27	17 - 68
Cerebrovascular Accidents	6	17	4 - 68	29	24	15 - 47
Gastrointestinal Catastrophes	5	0	3 - 65	9	33	3 - 66
Infectious Disease	4	25	4 - 80	6	50	6 - 75
Metabolic/Electrolyte Disorders	13	0	3 - 39	14	7	2 - 48
Pulmonary Disease	47	21	9 - 35	48	31	14 - 42
Renal Failure	5	40	3 - 80	1	0	0 - 98
Severe Acute Heart Disease	20	65	21 - 62	31	65	24 - 58
Severe Chronic Heart Disease	27	11	7 - 35	32	16	9 - 37
Severe Trauma	0	-	-	2	0	1 - 89
Gastrointestinal Disease	74	0	1 - 8	115	0	1 - 6
Gynecologic Disease	6	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	77	0	1 - 7	115	1	1 - 7
Musculoskeletal/Skin Conditions	45	0	0 - 16	71	1	0 - 20
Neuropsychiatric/Sensory Disease	45	0	0 - 23	33	0	0 - 60
Urologic Disease	37	0	0 - 26	52	2	0 - 37

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	160
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	53
Licensed Practical Nurses:	43

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HOSPITAL WILMA N VAZQUEZ

CALLE BX 7001
VEGA BAJA, PR 00764

Medicare Hospital Provider Number: 400115

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	655	8	7 - 12	536	5	6 - 12
Cancer	2	0	1 - 91	2	0	8 - 91
Cerebrovascular Accidents	13	15	9 - 52	12	33	8 - 60
Gastrointestinal Catastrophes	8	13	16 - 68	4	0	6 - 71
Infectious Disease	2	0	0 - 97	5	60	6 - 78
Metabolic/Electrolyte Disorders	1	100	2 - 97	6	33	6 - 74
Pulmonary Disease	55	13	15 - 36	35	6	11 - 33
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	25	48	22 - 60	16	31	16 - 60
Severe Chronic Heart Disease	35	23	10 - 39	22	23	13 - 49
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	92	1	1 - 9	99	0	1 - 6
Gynecologic Disease	10	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	123	3	1 - 10	96	2	1 - 10
Musculoskeletal/Skin Conditions	59	2	0 - 19	50	0	1 - 11
Neuropsychiatric/Sensory Disease	11	0	0 - 66	5	0	0 -100
Urologic Disease	38	0	0 - 32	30	3	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 150
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 48
Licensed Practical Nurses: 40

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: Yes

HUMACAO AREA HOSP

BOX 115
HUMACAO, PR 00661

Medicare Hospital Provider Number: 400031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	334	12	7 - 15	413	11	7 - 14
Cancer	2	50	1 - 92	3	0	3 - 79
Cerebrovascular Accidents	12	42	5 - 59	13	15	8 - 51
Gastrointestinal Catastrophes	5	40	3 - 78	1	100	3 - 98
Infectious Disease	10	50	8 - 66	6	83	7 - 70
Metabolic/Electrolyte Disorders	4	25	1 - 85	6	33	1 - 81
Pulmonary Disease	32	34	12 - 46	36	28	11 - 42
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	17	6	20 - 50	13	23	17 - 62
Severe Chronic Heart Disease	26	8	10 - 35	33	18	12 - 40
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	24	8	0 - 99	34	0	0 - 43
Gynecologic Disease	7	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	53	2	0 - 18	49	2	0 - 21
Musculoskeletal/Skin Conditions	41	0	0 - 44	63	5	0 - 64
Neuropsychiatric/Sensory Disease	4	50	0 -100	6	0	0 -100
Urologic Disease	8	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 153
Ownership/Control: State Government

STAFFING

Interns and Residents: 0
Registered Nurses: 114
Licensed Practical Nurses: 71

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

INSTITUTO OFTALMICO DE PUERTO RICO

AVENIDA PONCE DE LEON 160
SAN JUAN, PR 00901

Medicare Hospital Provider Number: 400023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	193	0	1 - 5	277	0	1 - 5
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	100	2 - 97
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	191	0	1 - 5	274	0	1 - 4
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 48
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 7
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

LAFAYETTE HOSP

BOX 448
ARROYO, PR 00615

Medicare Hospital Provider Number: 400026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	238	6	5 - 12	350	5	6 - 11
Cancer	2	50	1 - 92	0	-	-
Cerebrovascular Accidents	5	40	3 - 77	5	40	3 - 77
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	3	0	4 - 79	0	-	-
Metabolic/Electrolyte Disorders	7	14	2 - 66	10	10	8 - 55
Pulmonary Disease	18	33	8 - 52	17	12	12 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	5	80	10 - 77
Severe Chronic Heart Disease	12	17	7 - 53	22	14	12 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	34	0	0 - 21	54	0	0 - 11
Gynecologic Disease	6	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	29	0	1 - 20	44	2	0 - 20
Musculoskeletal/Skin Conditions	19	0	0 - 73	33	0	0 - 27
Neuropsychiatric/Sensory Disease	9	0	0 -100	26	4	0 - 98
Urologic Disease	16	6	0 - 99	21	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	66
Occupancy Rate (%):	29
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	52
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MAYAGUEZ MED CTR

P O BOX 1868
MAYAGUEZ, PR 00708

Medicare Hospital Provider Number: 400103

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,037	17	10 - 16	1,249	18	10 - 15
Cancer	39	28	21 - 52	67	39	24 - 50
Cerebrovascular Accidents	22	68	10 - 49	24	71	11 - 48
Gastrointestinal Catastrophes	19	26	11 - 54	17	29	16 - 61
Infectious Disease	10	60	13 - 69	21	62	13 - 56
Metabolic/Electrolyte Disorders	17	41	3 - 55	15	67	4 - 55
Pulmonary Disease	87	26	12 - 33	94	41	11 - 34
Renal Failure	15	67	16 - 72	18	33	10 - 66
Severe Acute Heart Disease	88	32	26 - 48	85	38	24 - 47
Severe Chronic Heart Disease	43	23	12 - 39	74	19	12 - 32
Severe Trauma	6	0	7 - 60	15	20	11 - 57
Gastrointestinal Disease	83	11	0 - 42	98	4	0 - 16
Gynecologic Disease	26	0	0 -100	37	0	0 -100
Low-Risk Heart Disease	67	10	0 - 31	71	8	0 - 27
Musculoskeletal/Skin Conditions	84	1	0 - 12	89	3	0 - 31
Neuropsychiatric/Sensory Disease	27	0	0 - 59	40	2	0 - 67
Urologic Disease	38	3	0 - 59	58	0	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	255
Occupancy Rate (%):	76
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	90
Percent of Physicians Who Are Board Certified Specialists:	23
Interns and Residents:	60
Registered Nurses:	256
Licensed Practical Nurses:	163

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MENNONITE GEN HOSP INC

P O BOX 626
AIBONITO, PR 00609

Medicare Hospital Provider Number: 400018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	725	9	7 - 12	684	10	7 - 12
Cancer	2	50	1 - 93	6	50	9 - 77
Cerebrovascular Accidents	18	28	8 - 50	21	29	10 - 49
Gastrointestinal Catastrophes	8	25	8 - 67	5	40	5 - 78
Infectious Disease	8	50	9 - 71	4	75	9 - 82
Metabolic/Electrolyte Disorders	16	6	9 - 44	5	20	5 - 74
Pulmonary Disease	48	27	13 - 40	43	44	15 - 46
Renal Failure	1	0	1 - 97	4	50	12 - 90
Severe Acute Heart Disease	24	38	20 - 59	30	37	22 - 57
Severe Chronic Heart Disease	34	15	12 - 38	19	11	12 - 44
Severe Trauma	0	-	-	1	100	0 - 98
Gastrointestinal Disease	85	1	0 - 10	104	0	1 - 6
Gynecologic Disease	26	0	0 -100	26	0	0 -100
Low-Risk Heart Disease	112	5	1 - 12	85	6	1 - 16
Musculoskeletal/Skin Conditions	57	2	0 - 21	52	4	0 - 57
Neuropsychiatric/Sensory Disease	4	0	0 -100	9	0	0 -100
Urologic Disease	77	1	0 - 44	114	1	0 - 20

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 106
Occupancy Rate (%): 60
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 41
Percent of Physicians Who Are Board Certified Specialists: 32
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

METROPOLITAN HOSP

1785 ROAD 21-LAS LOMAS
RIO PIEDRAS, PR 00922

Medicare Hospital Provider Number: 400106

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,465	9	7 - 11	1,399	11	6 - 11
Cancer	25	44	20 - 60	50	60	25 - 55
Cerebrovascular Accidents	40	17	14 - 40	28	32	12 - 47
Gastrointestinal Catastrophes	3	33	4 - 86	8	25	10 - 69
Infectious Disease	17	41	16 - 62	16	63	17 - 64
Metabolic/Electrolyte Disorders	16	25	10 - 55	17	24	9 - 53
Pulmonary Disease	73	34	17 - 41	58	29	13 - 39
Renal Failure	4	50	5 - 85	3	100	14 - 90
Severe Acute Heart Disease	51	37	26 - 53	40	45	25 - 57
Severe Chronic Heart Disease	34	24	11 - 40	26	15	10 - 40
Severe Trauma	3	67	6 - 88	6	0	8 - 61
Gastrointestinal Disease	124	4	0 - 12	116	3	1 - 10
Gynecologic Disease	21	0	0 -100	35	0	0 -100
Low-Risk Heart Disease	138	4	1 - 9	131	4	1 - 10
Musculoskeletal/Skin Conditions	89	0	1 - 7	98	0	0 - 7
Neuropsychiatric/Sensory Disease	249	0	0 - 5	196	0	1 - 5
Urologic Disease	115	2	0 - 19	115	1	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#): 180
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 66
Licensed Practical Nurses: 87

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PAVIA HOSP

ASIA STREET NO 1462
SANTURCE, PR 00909

Medicare Hospital Provider Number: 400019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,219	11	7 - 12	1,166	10	9 - 14
Cancer	35	46	28 - 62	48	23	31 - 58
Cerebrovascular Accidents	24	33	10 - 48	37	43	14 - 46
Gastrointestinal Catastrophes	13	62	14 - 65	15	40	16 - 65
Infectious Disease	3	33	11 - 92	5	0	4 - 64
Metabolic/Electrolyte Disorders	17	18	8 - 50	16	13	9 - 48
Pulmonary Disease	42	33	12 - 42	50	24	13 - 39
Renal Failure	2	50	5 - 94	2	50	5 - 94
Severe Acute Heart Disease	39	51	22 - 54	45	33	26 - 55
Severe Chronic Heart Disease	84	25	12 - 32	73	12	14 - 32
Severe Trauma	3	0	2 - 81	2	0	3 - 88
Gastrointestinal Disease	92	3	0 - 13	97	1	1 - 9
Gynecologic Disease	17	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	176	5	1 - 9	169	2	1 - 7
Musculoskeletal/Skin Conditions	85	2	0 - 20	71	0	0 - 12
Neuropsychiatric/Sensory Disease	30	0	0 - 74	22	0	0 - 92
Urologic Disease	131	2	0 - 15	92	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 172
Occupancy Rate (%): (not available)
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

PONCE DIST HOSP

BO MACHUELO
PONCE, PR 00731

Medicare Hospital Provider Number: 400044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	776	20	8 - 14	1,125	19	7 - 13
Cancer	14	7	15 - 51	25	28	20 - 57
Cerebrovascular Accidents	56	48	12 - 39	45	47	13 - 43
Gastrointestinal Catastrophes	3	67	5 - 86	8	38	8 - 70
Infectious Disease	5	100	8 - 65	4	50	2 - 83
Metabolic/Electrolyte Disorders	9	56	3 - 67	13	62	3 - 60
Pulmonary Disease	59	39	11 - 38	76	46	10 - 35
Renal Failure	9	67	5 - 71	22	23	8 - 61
Severe Acute Heart Disease	39	46	20 - 52	41	41	20 - 50
Severe Chronic Heart Disease	55	40	10 - 37	66	27	11 - 34
Severe Trauma	1	0	0 -100	2	0	1 - 90
Gastrointestinal Disease	56	7	0 - 54	82	1	0 - 12
Gynecologic Disease	18	6	0 -100	38	0	0 -100
Low-Risk Heart Disease	88	3	1 - 13	134	11	0 - 19
Musculoskeletal/Skin Conditions	60	2	0 - 16	81	0	1 - 7
Neuropsychiatric/Sensory Disease	11	9	0 -100	19	11	0 -100
Urologic Disease	43	0	0 - 70	49	2	0 - 70

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	427
Occupancy Rate (%):	57
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	91
Percent of Physicians Who Are Board Certified Specialists:	34
Interns and Residents:	91
Registered Nurses:	316
Licensed Practical Nurses:	197

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PRESBYTERIAN COMMUNITY HOSP

PO BOX 32
SAN JUAN, PR 00902

Medicare Hospital Provider Number: 400001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,094	8	7 - 12	1,177	8	6 - 11
Cancer	16	38	13 - 60	28	21	23 - 56
Cerebrovascular Accidents	26	35	10 - 47	26	35	13 - 50
Gastrointestinal Catastrophes	5	20	10 - 77	7	57	10 - 75
Infectious Disease	11	45	14 - 69	3	67	3 - 86
Metabolic/Electrolyte Disorders	19	0	9 - 35	10	0	8 - 46
Pulmonary Disease	54	31	16 - 42	35	31	12 - 45
Renal Failure	7	29	9 - 77	8	38	14 - 81
Severe Acute Heart Disease	42	36	26 - 56	37	51	24 - 56
Severe Chronic Heart Disease	32	25	13 - 43	26	19	11 - 43
Severe Trauma	2	0	2 - 89	1	0	0 - 99
Gastrointestinal Disease	110	3	1 - 10	114	4	1 - 11
Gynecologic Disease	18	0	0 -100	26	0	0 -100
Low-Risk Heart Disease	152	1	1 - 7	130	2	1 - 8
Musculoskeletal/Skin Conditions	70	0	0 - 13	89	2	0 - 25
Neuropsychiatric/Sensory Disease	126	0	0 - 7	197	0	0 - 5
Urologic Disease	80	0	0 - 10	119	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	207
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	108
Licensed Practical Nurses:	85

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

RYDERS MEMORIAL HOSP

BOX 489
HUMACAO, PR 00661

Medicare Hospital Provider Number: 400007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,046	16	10 - 15	1,025	16	9 - 15
Cancer	15	33	15 - 62	18	61	22 - 67
Cerebrovascular Accidents	45	51	14 - 44	59	46	16 - 42
Gastrointestinal Catastrophes	6	100	16 - 67	8	75	8 - 67
Infectious Disease	42	38	18 - 51	25	44	17 - 57
Metabolic/Electrolyte Disorders	15	20	13 - 57	12	25	6 - 58
Pulmonary Disease	76	32	16 - 39	65	35	14 - 39
Renal Failure	3	33	7 - 90	4	100	16 - 84
Severe Acute Heart Disease	56	54	28 - 55	49	55	27 - 56
Severe Chronic Heart Disease	61	16	12 - 33	47	34	12 - 40
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	104	3	0 - 14	114	4	1 - 11
Gynecologic Disease	14	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	109	2	1 - 8	136	4	1 - 10
Musculoskeletal/Skin Conditions	82	4	0 - 28	55	0	0 - 16
Neuropsychiatric/Sensory Disease	30	13	0 - 98	33	0	0 - 68
Urologic Disease	70	1	0 - 36	62	2	0 - 30

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	184
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	62
Percent of Physicians Who Are Board Certified Specialists:	19
Interns and Residents:	0
Registered Nurses:	71
Licensed Practical Nurses:	176

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RYDER MEMORIAL HOSPITAL, INC.

A Growing Community Institution

CALL BOX 859
HUMACAO, PUERTO RICO
00661

October 21, 1988

SS 66-025-8919
Provider ID Number 400007

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I would like to share some of the recommendations from our Medical Records Director, which could benefit not only our Hospital, but many others specially here in this Island.

1. More time should be given in order to get the necessary evidence from other agencies. For example, from other hospitals, for transfer patients; and Central Vital Statistic Center of the Commonwealth of Puerto Rico, in order to obtain deaths certificates.
2. We need the last two (maiden's) names (father's and mother's) to obtain the medical records and/or the correct unit number.
3. Exclusions or special arrangement should be made of "DOA" deaths and those which occurred within the first 48 hours of admission.
4. Transferred patients from or to other institutions should also be considered differently.
5. Low risk diagnosis should be verified with the cause of death from the death certificates.

Enclosed you will find the specific relevant data and/or discrepancies of the information submitted to us.

I hope both the enclosed data and the above comments will be of help for this and future listings.

Cordially yours,

Ramón Defendini, MHA

Enclosed Appendix A

Founded 1914 by the American Missionary Association (United Church Board for Homeland Ministries)
United Evangelical Church of Puerto Rico

SAN CARLOS GENERAL HOSPITAL

1822 PONCE DE LEON AVE
SANTURCE, PR 00909

Medicare Hospital Provider Number: 400017

Diagnostic Category	**Calender Year 1987**			**Calender Year 1986**		
	Cases	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**	**Cases**	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**
All Cases	490	11	6 - 12	537	9	6 - 12
Cancer	4	75	5 - 80	7	29	17 - 78
Cerebrovascular Accidents	9	0	11 - 49	16	19	7 - 48
Gastrointestinal Catastrophes	4	75	10 - 84	3	33	4 - 86
Infectious Disease	5	60	8 - 80	9	56	13 - 72
Metabolic/Electrolyte Disorders	7	14	5 - 64	9	11	4 - 57
Pulmonary Disease	26	42	8 - 47	17	35	8 - 54
Renal Failure	3	67	5 - 88	0	-	-
Severe Acute Heart Disease	10	20	17 - 67	15	47	14 - 62
Severe Chronic Heart Disease	26	19	8 - 40	19	16	10 - 46
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	64	3	0 - 19	71	3	0 - 16
Gynecologic Disease	10	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	75	4	0 - 16	71	6	0 - 20
Musculoskeletal/Skin Conditions	44	2	0 - 56	46	0	0 - 21
Neuropsychiatric/Sensory Disease	17	0	0 - 88	38	0	0 - 40
Urologic Disease	31	3	0 - 80	36	3	0 - 68

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 96
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 60
Licensed Practical Nurses: 29

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

SAN GERMAN HEALTH CENTER

JAVILLA ST
SAN GERMAN, PR 00753

Medicare Hospital Provider Number: 400038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	38	0	5 - 16	44	5	4 - 20
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	2	50	4 - 93
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 96	0	-	-
Pulmonary Disease	7	0	8 - 54	9	0	5 - 45
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	1 - 97	0	-	-
Severe Chronic Heart Disease	2	0	1 - 90	1	0	0 - 99
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	12	0	0 -100	8	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	12
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	15
Percent of Physicians Who Are Board Certified Specialists:	13
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	31

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SAN JORGE HOSP

258 SAN JORGE AVENUE
SANTURCE, PR 00912

Medicare Hospital Provider Number: 400089

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	555	8	6 - 12	574	7	5 - 11
Cancer	13	46	16 - 67	12	50	15 - 68
Cerebrovascular Accidents	25	16	11 - 42	15	7	9 - 43
Gastrointestinal Catastrophes	7	29	9 - 72	3	33	4 - 86
Infectious Disease	2	50	3 - 92	2	50	1 - 93
Metabolic/Electrolyte Disorders	11	0	4 - 42	12	8	6 - 49
Pulmonary Disease	32	22	10 - 41	34	21	13 - 42
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	10	30	11 - 65	8	63	16 - 75
Severe Chronic Heart Disease	17	29	8 - 52	11	9	9 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	88	2	0 - 12	74	1	0 - 13
Gynecologic Disease	17	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	50	2	1 - 16	56	5	0 - 34
Musculoskeletal/Skin Conditions	45	2	0 - 27	32	0	0 - 36
Neuropsychiatric/Sensory Disease	63	0	0 - 14	71	0	0 - 11
Urologic Disease	26	8	0 - 50	47	2	0 - 42

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	91
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	45
Licensed Practical Nurses:	47

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SAN JUAN MUN HOSP

CENTRO MEDICO
RIO PIEDRAS, PR 00935

Medicare Hospital Provider Number: 400015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,181	22	9 - 15	1,239	21	9 - 15
Cancer	46	30	28 - 57	57	19	24 - 49
Cerebrovascular Accidents	44	48	10 - 41	49	43	11 - 40
Gastrointestinal Catastrophes	8	50	11 - 73	10	40	7 - 65
Infectious Disease	33	79	19 - 51	34	88	17 - 46
Metabolic/Electrolyte Disorders	13	46	5 - 60	12	50	2 - 63
Pulmonary Disease	75	49	12 - 37	69	59	13 - 38
Renal Failure	8	25	7 - 72	6	50	3 - 79
Severe Acute Heart Disease	91	67	27 - 49	108	62	26 - 46
Severe Chronic Heart Disease	43	37	8 - 38	39	28	11 - 40
Severe Trauma	2	50	0 - 95	2	100	2 - 88
Gastrointestinal Disease	103	2	0 - 14	114	2	0 - 11
Gynecologic Disease	28	0	0 -100	27	4	0 -100
Low-Risk Heart Disease	130	10	0 - 17	139	7	0 - 14
Musculoskeletal/Skin Conditions	67	3	0 - 39	44	0	0 - 16
Neuropsychiatric/Sensory Disease	92	0	0 - 8	85	0	0 - 10
Urologic Disease	39	5	0 - 94	65	0	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	437
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

SAN PABLO HOSP

70 SANTA CRUZ ST URB SANTA CRU
BAYAMON, PR 00619

Medicare Hospital Provider Number: 400109

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,478	11	8 - 13	2,437	12	9 - 13
Cancer	72	38	29 - 55	85	55	36 - 62
Cerebrovascular Accidents	53	25	16 - 40	63	19	17 - 38
Gastrointestinal Catastrophes	17	29	18 - 62	17	47	19 - 66
Infectious Disease	27	44	17 - 56	18	56	14 - 60
Metabolic/Electrolyte Disorders	26	31	12 - 50	30	20	8 - 43
Pulmonary Disease	98	29	16 - 36	78	31	14 - 38
Renal Failure	4	0	12 - 80	9	78	22 - 84
Severe Acute Heart Disease	82	48	27 - 50	86	56	27 - 50
Severe Chronic Heart Disease	158	20	16 - 31	154	26	16 - 32
Severe Trauma	7	14	12 - 69	6	50	5 - 75
Gastrointestinal Disease	239	1	1 - 5	249	1	1 - 5
Gynecologic Disease	61	0	0 -100	44	0	0 -100
Low-Risk Heart Disease	321	5	1 - 7	276	3	1 - 6
Musculoskeletal/Skin Conditions	234	3	0 - 8	209	1	1 - 5
Neuropsychiatric/Sensory Disease	75	0	0 - 10	107	0	0 - 6
Urologic Disease	167	1	0 - 8	192	2	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	330
Occupancy Rate (%):	82
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	170
Percent of Physicians Who Are Board Certified Specialists:	36
Interns and Residents:	12
Registered Nurses:	194
Licensed Practical Nurses:	149

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SANTA ROSA CLINIC

PO BOX 988
GUAYAMA, PR 00654

Medicare Hospital Provider Number: 400009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	797	8	7 - 12	874	8	8 - 13
Cancer	8	13	21 - 73	9	44	17 - 75
Cerebrovascular Accidents	15	40	10 - 58	29	24	15 - 47
Gastrointestinal Catastrophes	11	45	12 - 67	9	22	10 - 65
Infectious Disease	3	0	3 - 79	2	50	4 - 93
Metabolic/Electrolyte Disorders	9	22	2 - 65	15	7	4 - 43
Pulmonary Disease	33	9	15 - 39	44	25	12 - 40
Renal Failure	4	50	8 - 86	3	33	6 - 89
Severe Acute Heart Disease	24	58	26 - 65	28	57	30 - 66
Severe Chronic Heart Disease	38	16	16 - 40	46	17	16 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	97	3	1 - 11	113	2	1 - 8
Gynecologic Disease	14	7	0 -100	10	0	0 -100
Low-Risk Heart Disease	118	2	1 - 8	97	1	1 - 8
Musculoskeletal/Skin Conditions	50	2	0 - 19	62	0	1 - 9
Neuropsychiatric/Sensory Disease	53	0	0 - 13	75	1	0 - 12
Urologic Disease	44	2	0 - 62	47	0	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	99
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	39
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SANTO ASILO DE DAMAS HOSP

PONCE BY PASS
PONCE, PR 00731

Medicare Hospital Provider Number: 400022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,950	10	9 - 14	2,152	11	9 - 14
Cancer	51	31	26 - 54	65	42	29 - 57
Cerebrovascular Accidents	106	23	16 - 34	92	27	18 - 38
Gastrointestinal Catastrophes	29	41	18 - 56	30	47	16 - 55
Infectious Disease	19	32	13 - 56	18	44	17 - 63
Metabolic/Electrolyte Disorders	13	8	13 - 52	17	24	6 - 51
Pulmonary Disease	76	32	13 - 37	70	39	16 - 41
Renal Failure	34	21	7 - 56	25	40	11 - 65
Severe Acute Heart Disease	79	32	29 - 52	82	38	27 - 50
Severe Chronic Heart Disease	109	20	15 - 31	140	14	15 - 29
Severe Trauma	2	50	1 - 92	6	0	9 - 62
Gastrointestinal Disease	172	1	1 - 6	216	2	1 - 7
Gynecologic Disease	22	0	0 -100	34	0	0 - 77
Low-Risk Heart Disease	231	2	2 - 6	284	2	2 - 6
Musculoskeletal/Skin Conditions	195	3	1 - 8	187	1	1 - 6
Neuropsychiatric/Sensory Disease	20	5	0 - 49	33	3	0 - 51
Urologic Disease	123	0	0 - 6	149	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

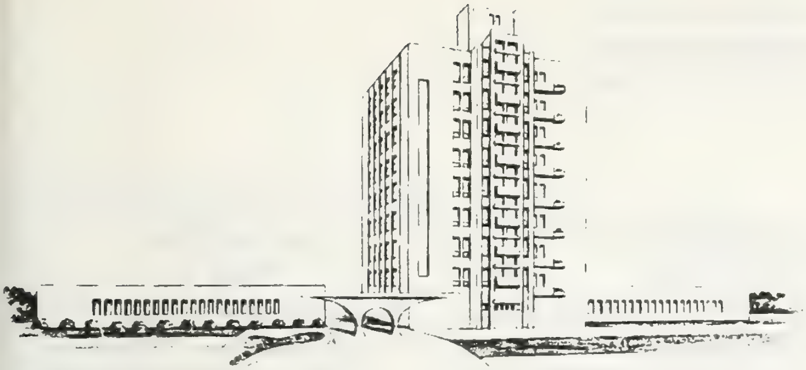
Total Beds (#):	306
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	45
Registered Nurses:	188
Licensed Practical Nurses:	77

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No



HOSPITAL DAMAS
PONCE BY PASS
PONCE, PUERTO RICO 00731
TELEPHONE 840-8686

October 20, 1988

William L. Roper, MD
Administrator
Health Standards and Quality
  Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

We reviewed the data submitted by the HCFA of the mortality of the Medicare patients of our Hospital for the year 1987, and we have identified some discrepancies.

Enclosed are our comments about this matter.

If you have doubts about them please do not hesitate to contact us.

Sincerely yours,

Tomás Martínez, MHSA
Administrator

erml

Encl.

ST JOHNS HOSP

CARR 844KM 0.5 RFD 7
RIO PIEDRAS, PR 00928

Medicare Hospital Provider Number: 400116

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	30	30	6 - 40	11	0	5 - 38
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	1	0	3 - 99
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	4 - 92	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	0 -100
Pulmonary Disease	5	60	4 - 77	1	0	3 - 98
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	50	0 -100	0	-	-
Musculoskeletal/Skin Conditions	5	40	0 - 89	4	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	160
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST LUKES EPISCOPAL HOSP

PO BOX 2027 PONCE
PONCE, PR 00731

Medicare Hospital Provider Number: 400002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,669	11	8 - 12	1,438	10	7 - 12
Cancer	22	36	21 - 61	22	23	27 - 64
Cerebrovascular Accidents	77	29	17 - 38	52	35	14 - 41
Gastrointestinal Catastrophes	13	46	14 - 66	11	27	14 - 66
Infectious Disease	7	57	12 - 76	3	0	5 - 79
Metabolic/Electrolyte Disorders	12	25	6 - 58	9	33	2 - 69
Pulmonary Disease	94	31	14 - 36	64	28	12 - 37
Renal Failure	5	40	4 - 80	7	29	4 - 75
Severe Acute Heart Disease	55	47	23 - 51	46	41	24 - 54
Severe Chronic Heart Disease	94	26	14 - 33	64	31	13 - 37
Severe Trauma	1	0	0 - 99	4	75	4 - 80
Gastrointestinal Disease	101	5	1 - 14	108	3	0 - 12
Gynecologic Disease	23	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	355	5	1 - 6	298	7	1 - 8
Musculoskeletal/Skin Conditions	81	1	0 - 12	55	7	0 - 31
Neuropsychiatric/Sensory Disease	111	0	0 - 7	114	0	0 - 7
Urologic Disease	150	1	0 - 8	117	0	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 160
Occupancy Rate (%): (not available)
Ownership/Control: Church

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

UNIVERSITY DIST HOSP

BARRIO MONACILLOS
RIO PIEDRAS, PR 00935

Medicare Hospital Provider Number: 400061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,086	14	7 - 13	1,250	16	8 - 13
Cancer	68	29	24 - 50	81	37	24 - 49
Cerebrovascular Accidents	30	33	10 - 44	25	48	9 - 48
Gastrointestinal Catastrophes	10	40	8 - 66	9	33	7 - 66
Infectious Disease	15	80	15 - 58	18	72	14 - 57
Metabolic/Electrolyte Disorders	1	0	0 -100	4	50	3 - 82
Pulmonary Disease	46	50	14 - 44	80	44	13 - 38
Renal Failure	14	43	7 - 67	23	39	7 - 63
Severe Acute Heart Disease	24	54	20 - 59	35	51	20 - 53
Severe Chronic Heart Disease	26	19	7 - 39	20	50	6 - 50
Severe Trauma	16	38	9 - 58	26	27	10 - 50
Gastrointestinal Disease	56	7	0 - 51	71	6	0 - 29
Gynecologic Disease	22	0	0 -100	33	0	0 - 64
Low-Risk Heart Disease	86	7	0 - 20	101	7	0 - 21
Musculoskeletal/Skin Conditions	124	2	0 - 17	98	1	0 - 16
Neuropsychiatric/Sensory Disease	116	1	0 - 9	146	1	0 - 8
Urologic Disease	47	0	0 - 25	53	2	0 - 76

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 345
Occupancy Rate (%): 82
Ownership/Control: State Government

STAFFING

Total Number of Physicians: 231
Percent of Physicians Who Are Board Certified Specialists: 77
Interns and Residents: 0
Registered Nurses: 320
Licensed Practical Nurses: 192

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

US NAVAL HOSP

ROOSEVELT ROADS, PR 00907

Medicare Hospital Provider Number: 40008F

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1	0	0 -100	1	0	0 -100
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA (not available)

Total Beds (#):	100
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	0
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	No
Hospice Care:	No

ST CROIX HOSP AND COMM HEALTH CTR

PO BOX 520
CHRISTIANSTED, VI 00820

Medicare Hospital Provider Number: 480002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	257	15	8 - 17	310	15	7 - 16
Cancer	7	43	5 - 71	3	33	4 - 86
Cerebrovascular Accidents	11	55	10 - 64	21	38	9 - 51
Gastrointestinal Catastrophes	0	-	-	3	100	4 - 79
Infectious Disease	2	50	2 - 92	1	100	3 - 98
Metabolic/Electrolyte Disorders	4	0	1 - 79	7	43	4 - 71
Pulmonary Disease	10	40	3 - 64	12	42	8 - 61
Renal Failure	7	43	12 - 81	2	0	5 - 90
Severe Acute Heart Disease	15	47	21 - 69	9	56	14 - 72
Severe Chronic Heart Disease	20	20	8 - 45	30	20	10 - 41
Severe Trauma	1	100	0 - 98	0	-	-
Gastrointestinal Disease	15	7	0 - 89	31	3	0 - 40
Gynecologic Disease	3	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	27	4	0 - 43	41	12	0 - 41
Musculoskeletal/Skin Conditions	17	6	0 - 91	29	0	0 - 62
Neuropsychiatric/Sensory Disease	24	0	0 - 83	19	0	0 - 99
Urologic Disease	16	6	0 -100	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	250
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	99
Licensed Practical Nurses:	47

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST THOMAS HOSP AND COMM HEALTH CTR

PO BOX 7309
SAINT THOMAS, VI 00801

Medicare Hospital Provider Number: 480001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	255	13	6 - 15	234	14	7 - 17
Cancer	7	43	14 - 77	11	64	17 - 70
Cerebrovascular Accidents	6	17	4 - 68	9	33	6 - 65
Gastrointestinal Catastrophes	3	67	2 - 86	1	0	0 - 99
Infectious Disease	1	0	2 - 97	2	50	2 - 92
Metabolic/Electrolyte Disorders	9	11	6 - 57	7	29	2 - 71
Pulmonary Disease	6	50	3 - 74	14	36	4 - 56
Renal Failure	4	25	1 - 84	2	50	3 - 93
Severe Acute Heart Disease	12	33	15 - 66	8	50	13 - 74
Severe Chronic Heart Disease	13	15	7 - 50	14	7	8 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	12	0 - 95	15	0	0 - 99
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	26	0	0 - 32	16	0	0 - 76
Musculoskeletal/Skin Conditions	22	0	0 - 95	23	4	0 -100
Neuropsychiatric/Sensory Disease	26	8	0 - 99	20	0	0 - 95
Urologic Disease	10	10	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#): 250
Ownership/Control: State Government

STAFFING

Interns and Residents: 0
Registered Nurses: 70
Licensed Practical Nurses: 31

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

Technical Appendix

TECHNICAL APPENDIX

METHODOLOGY

The Data Base

The data that are analyzed in this report are drawn from the MEDPAR file, which is assembled and updated quarterly by the Bureau of Data Management and Strategy in HCFA. This file is constructed from information on hospitalizations submitted to HCFA by hospitals through fiscal intermediaries. Data obtained from the Social Security Administration also contribute to the file. The data include the age, sex and date of death of each Medicare beneficiary. Because each beneficiary is assigned a unique health insurance claim number, it is possible to link hospitalizations longitudinally. Prior hospitalizations and readmissions can be found, as well as the date of death, whenever and wherever it occurred.

The hospitalizations in this file are segregated by the year of discharge. The data used in these analyses were drawn from the 1985, 1986 and 1987 discharges. The update cycles used for these years were 12/31/87, 6/10/88 and 6/10/88, respectively.

The process of data management consisted of selecting discharges from acute-care hospitals, calculating analytical variables that required data from prior hospitalizations and selecting the last discharge for each beneficiary for 1986 and 1987. The following rules were used to select discharges from acute-care hospitals:

1) Include only discharges from short-term (general and specialty) hospitals. These hospitals have a 0 in the third position of their "provider number."

2) Exclude discharges from psychiatric units, rehabilitation units, swing-beds and alcohol/drug units. These records have "provider codes" of S, T, U and V, respectively.

3) Exclude discharges from special cost centers. These are designated by a 9 in the fourth position of the "provider number."

4) Exclude discharges where the date of death precedes the date of admission, because these are obvious data errors.

Variables dependent on data from prior hospitalizations were calculated as follows:

1) For each beneficiary, sort the discharges in descending order by "discharge date" and "admission date" and stack the discharges for the current and prior years.

2) For the last discharge in the current year, determine whether the beneficiary at admission was transfered from another hospital. Operationally, the "discharge destination" for the prior discharge must be coded as a discharge to a short-term hospital, and the "discharge date" for the prior discharge must be no more than one day prior to the "admission date" for the last discharge.

3) For each discharge, use the principal diagnosis (the first "diagnostic code") to determine the diagnostic category as defined in Table 2 of the Introduction. Diagnoses that are not listed in this table are placed in a residual category of intermediate risk.

4) For the last discharge of the current year, count the number of admissions by diagnostic category that occurred within the 182 days prior to the admission date for this discharge.

Subsequently, the last discharges for 1986 and 1987 were selected and segregated by diagnostic categories into separate files for analysis. Only hospitals that had discharges in 1987 were considered for publication. Canadian and emergency hospitals were excluded. Six other hospitals were excluded because they terminated operations prior to 1987 or because their "provider number" was invalid.

Mortality Rates

In this project, the definition of mortality used to calculate mortality rates was death within 30 days of admission. The choice of a fixed period of 30 days after admission avoids biases that might occur if in-hospital deaths only were counted. Sufficient followup is available to permit complete estimation of mortality rates based upon this choice. Choosing a specific discharge avoids multiple counts of the same death. The last discharge for the year is biased to higher short-term risk.

Diagnostic Categories

Lists of the ICD-9-CM codes included in each diagnostic category are found in Table 2 of the Introduction to this report. The lists were constructed to represent diagnostic categories that are medically coherent and rather homogeneous with respect to risk of death.

Grouping was performed by combining clinically related diagnostic clusters when associated mortality rates were similar to one another. For each primary diagnosis, these rates were calculated from the 5% random sample of Medicare discharges for 1985 and 1986. For instance, Klebsiella pneumonia (482.0, 1385 patients, observed mortality = 24.3%) and Pseudomonas pneumonia (482.1, 1416 patients, observed mortality = 25.2%) were combined in the Pulmonary Disease category, as were subarachnoid hemorrhage (430, 525 patients, observed mortality = 47.8%) and intracerebral hemorrhage (431, 2883 patients, observed mortality = 42.9%), in the Cerebrovascular Accidents category.

These aggregations are generally analogous to the categories used in the 1987 analysis, but are more risk-homogeneous. In some cases, risk categories were expanded to incorporate a broader range of related conditions associated with similar risks of subsequent mortality, such as expanding ophthalmology to include psychiatric and other sensory system disorders or expanding low risk orthopedic conditions to include low risk dermatologic and muscular disorders.

In other instances, conditions were transferred to new categories based on empirical evidence that associated mortality rates were higher or lower than previously anticipated. For example, cancer of the salivary gland, gums, mouth, and oropharynx (142-146, observed mortality = 8.8%) was moved from high risk cancer to the intermediate risk category (average mortality = 8.5%), paroxysmal ventricular tachycardia (427.1, observed mortality 8.9%) was moved from the severe acute heart disease to the intermediate risk category, acute and chronic gastric ulcers with perforation, with and without hemorrhage (531.1, 531.2, 531.5, 531.6, observed mortality = 21.8%) was moved from low risk GI disease to GI catastrophe, pneumonia due to H. influenzae (482.2, observed mortality = 8.6%) was moved from high risk pulmonary to the intermediate risk category, fracture of the femur (820, 821, observed mortality = 6.1%) was moved from high risk trauma to the intermediate risk category, and chronic glomerulonephritis and other nephritis and nephropathy (582, 583, observed mortality 2.2%) was moved from high risk renal to low risk urologic disease. The new categories were reviewed for clinical and coding consistency and face validity, and final adjustments were made. Final adjustments included combining myocardial infarctions in a single risk group since coding variations among institutions made separation into different categories problematic, and removing italicized ICD-9-CM diagnoses from named risk groups since they are not valid principal diagnoses.

Demographic Variables

As in 1987, age and sex variables were used to characterize each patient. The sex variable is an indicator variable, as shown in Table 1. The patient's age was expressed in the 1987 Mortality Release by indicator variables in six categories, 65, 65-69, 70-74, 75-79, 80-84, and 85. For the 1988 Mortality Release, the age relative to 65 years and the square of this variable, as shown in Table 1, replaced the categorical age variables.

Comorbidity Variables

As in 1987, the secondary diagnoses (0-4 in number, "diagnostic codes" 2-5) were used to construct variables indicating the presence of comorbidities. The eight comorbidity indicator variables used in the analyses are: diabetes (DI), chronic pulmonary disease (OP), cancer (CA), chronic liver disease (LV), chronic renal disease (RN), cerebral vascular degeneration or chronic psychosis (CE), hypertensive disease (HY) and chronic cardiovascular disease (CV). The ICD-9-CM codes defining these variables are the same as were used in 1987 and are listed in Table 3 of the Introduction.

Prior History Variables

In the 1987 Mortality Release, the number of prior admissions was not based on a fixed interval of time prior to the admission date for the last discharge of the year, but included only prior admissions with discharges in the same calendar year (1986). Also all admissions were counted without any distinction among the risks associated with various prior admissions. In the 1988 Mortality Release, prior admissions are counted for a fixed interval of six months prior to the admission date for the last discharge of the year, and separate counts of prior admissions are made for three risk levels. They are admissions with high, low and intermediate risk. In Table 2 of the Introduction, diagnostic categories are defined as high risk or low risk. The intermediate risk category is composed of ICD-9-CM codes not listed in that table. Indicator variables are defined for the high risk category, as shown in Table 1, as PH1 if there was one prior high risk admission, PH2 if there were two and PH3M if there were three or more. Similar variables are defined for low risk (PL1, PL2, PL3M) and intermediate risk (PU1, PU2, PU3M) admissions. The indicator variable TRIN records whether or not the patient was transfered into the hospital from another acute-care hospital.

Analytic Techniques

The principal analytic tool was logistic regression (see, for example, Cox (1970)). Because the diagnostic categories are mutually exclusive, the analyses to ascertain the influence of patient characteristics (demographics, comorbidities and prior histories) were carried out separately for each category.

The probability π that a patient dies within 30 days of admission depends on the patient's characteristics x_i. Table 1 lists the covariates used in the logistic model for this year's analysis. Generally the same variables were used across all diagnostic categories. There are some exceptions. For example, the variable sex is not included as a covariate in the analyses for the diagnostic category gynecologic disease. In all other cases, the model is the same, with the occasional omission of one or more variables because of estimation difficulties (See Tables 2 and 3).

The dependence of π on these variables is specified by a logistic model:

$$\log\ (\pi/(1-\pi)) = \Sigma_i \beta_i x_i.$$

The regression coefficients β_i are estimated by the method of maximum likelihood. It is possible then to estimate the probability of dying for a patient from his or her characteristics x_i. By averaging over all the patients for whom treatment in a given hospital is being evaluated, the estimated mortality rate for that hospital is found. This analysis is carried out for each individual diagnostic category (the 16 explicitly defined categories as well as the residual category). The coefficients for each diagnostic category are shown in Table 2 for the 1987 data and in Table 3 for the 1986 data. Blank spaces in these tables mean that the corresponding variables were not used in the model. This is the same as fixing the parameter estimates for the unused variables at zero. Calculations were performed using the SAS procedure LOGIST as described by the SAS Institute (1986).

In addition to the estimates of regression coefficients for the logistic regression model, Tables 2 and 3 also display the model chi-square, based on the likelihood ratio, the number of cases and the number of deaths, for each of the diagnostic categories. The model chi-square has 22 degrees of freedom in most cases. The exceptions occur when one or more variables are removed from the model. In these cases, the degrees of freedom are reduced by one for each variable removed from the model. In all cases, the model chi-square is highly significant ($P < 0.001$). Note that the coefficients from 1987 and 1986 data are generally similar, as can be seen clearly in Table 4. The major differences occur in low risk categories or when there are only a few cases associated with the variable. In these situations, the parameter estimates are less stable. For example, there are relatively few cases associated with the variables for three or more prior admissions within six months. The regression coefficients in Tables 2 and 3 were used to estimate the probability of death within 30 days of the last admission in 1987 or 1986 for a 1987 "average case" for each of the diagnostic categories, as shown in Table 4. The "average case" is a hypothetical "patient" whose characteristics correspond to average values of each variable within a diagnostic category. The mortality rate for this 1987 "average case" using the 1986 and 1987 coefficients is displayed in Table 4 along with the average observed mortality rate. Note the similarity of the data for 1986 and 1987. Note also that the average observed and the average predicted mortality rates must be equal, but that the predicted mortality rate for the "average case" differs from them somewhat because of the inverse logit transformation that is needed to convert the sum of the products of the average values of the variables and the regression coefficients to a probability of dying. Since there is no way to know that a given admission will result in the last discharge of the year, these equations generally should not be used for predicting the outcome for individual cases.

The second quantity required of the analyses was an estimate of the uncertainty in the mortality rate expressed as a range of predicted rates encompassing a specified proportion (95%) of the probable values. For this it is necessary to compute the variance of the probability of death at a given hospital.

There are two components of variance included in our calculation of the range of mortality for a hospital. The first is the sampling variance, which is estimated by:

$SV_j = B_j(1-B_j) / N_j,$

where

$B_j = (N_j p_j + 1) / (N_j + 2),$

and p_j is the observed proportion of persons who had died among the N_j persons at risk, within a specified diagnostic category (or overall). B_j is a Bayesian estimate of the probability of dying. The second component arises from the systematic differences among hospitals in the identified factors included in the logistic model. This contribution to the variance is estimated by:

$IHV_j = (1-(1/N_j))\ V$

where V, the inter-hospital variance, is

$V = \Sigma_j\ (P_j - \bar{P})^2\ (N_j / N_t).$

P_j is the predicted mortality rate and N_j is the number of cases at risk at hospital j. $N_t = \Sigma_j\ N_j$ is the total number of cases at risk and $\bar{P} = (\Sigma_j\ N_j\ P_j\ ) / N_t$ is the average mortality rate, in the category under consideration. To see how this formula arises, consider the basic identity (Kendall, Stuart and Ord, 1983, p.212):

$Var(x) = E_\theta \{Var_{x|\theta}(x)\} + Var_\theta \{E_{x|\theta}(x)\}.$

When this formula is applied to a binomial random variable x, the result is

$Var(x) = n\ E_\theta \{\theta\}(1-E_\theta\{\theta\}) + n(n-1)\ Var_\theta\{\theta\}$

as given by Mosimann (1962, equation 36). From this it follows that

$$\mathrm{Var}(x/n) = \mathrm{Var}(x) / n^2 = (E_\theta\{\theta\}(1-E_\theta\{\theta\})) / n + (1-(1/n)) \mathrm{Var}\{\theta\}$$

where $V\{\theta\} = V$, the constant inter-hospital variance. Values of V for each diagnostic category are in Table 4.

The ranges of predicted mortality rates given in this publication encompass 95% of the probable values on a logit scale, which ensures that the range neither goes below zero nor above 100%. On the logit scale, the range of predicted values P is given by:

$$R_j = \log(P_j/(1-P_j)) \pm 1.96(\sqrt{SV_j + IHV_j}) / (P_j(1-P_j)).$$

Retransformed to the probability scale, the upper end of the range is:

$$\exp(R_+) / (1 + \exp(R_+))$$

and the lower end is:

$$\exp(R_-) / (1 + \exp(R_-))$$

where R_+ is the value of R taken with the + sign and R_- is the value of R taken with the - sign.

The tabulation of the numbers of cases at risk (i. e., the number of patients whose last discharge in 1987 was from the given hospital), of the percentage of these persons who died within 30 days of the date of admission for that hospitalization, and of the range of predicted mortality rates encompassing 95% of the probable values on the logit scale forms the core of the present publication. A similar display is also included for the 1986 data.

An implication that bears importantly on year-to-year stability of rankings is that there remain important sources of variability in outcomes associated with variations in patient characteristics (such as severity of illness) and other factors that have not been taken into account in the models used in the present analyses.

References

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James E. Mosimann (1962) "On the compound multinomial distribution, the multivariate β-distribution, and correlations among proportions," Biometrika, 49, 65-82.

SAS Institute Inc. (1986) SUGI Supplemental Library User's Guide, Version 5 Edition, Cary, NC: SAS Institute, Inc.

TABLE 1

Covariates used in the logistic models for the 1988 Hospital Mortality Release. Generally the same variables are used for all diagnostic categories. The two-letter codes for comorbidities are defined in terms of ICD-9-CM codes in Table 3 of the Introduction to this report.

Intercept	Constant added into the logistic model in all cases.

Demographics

RAG	Age of patient in years divided by 65.
RAGSQ	RAG squared.
SEX	An indicator variable: Male 0 and Female 1.

Comorbidities (Indicator variables)

DI	1 if patient has diabetes, 0 if not.
OP	1 if chronic pulmonary disease, 0 if not.
CA	1 if cancer, 0 if not.
LV	1 if chronic liver disease, 0 if not.
RN	1 if chronic renal disease, 0 if not.
CE	1 if cerebrovascular degeneration or chronic psychosis, 0 if not.
HY	1 if hypertensive disease, 0 if not.
CV	1 if chronic cardiovascular disease, 0 if not.

Prior Histories (Indicator variables)

PH1	1 if patient has had 1 recent high-risk admission, 0 if not.
PH2	1 if patient has had 2 recent high-risk admissions, 0 if not.
PH3M	1 if patient has had 3 recent high-risk admissions, 0 if not.
PL1	1 if patient has had 1 recent low-risk admission, 0 if not.
PL2	1 if patient has had 2 recent low-risk admissions, 0 if not.
PL3M	1 if patient has had 3 recent low-risk admissions, 0 if not.
PU1	1 if patient has had 1 recent medium-risk admission, 0 if not.
PU2	1 if patient has had 2 recent medium-risk admissions, 0 if not.
PU3M	1 if patient has had 3 recent medium-risk admissions, 0 if not.
TRIN	1 if patient was transfered into the hospital, 0 if not.

Recent means within six months (182 days) before the admission date on the last discharge.

Table 2

1987
Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 2.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	CA		CE		EY		GC		GI		GU	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-0.9591	0.1846	1.1997	0.2163	-5.2813	0.2800	-2.3087	0.2017	-3.5635	0.2663	-4.7226	0.4824
RAG	-1.6335	0.3285	-6.6151	0.3659	-1.5611	0.5229	-0.4696	0.3734	-5.5355	0.4572	-5.5282	0.8185
RAGSQ	1.3503	0.1465	3.7120	0.1544	2.2297	0.2447	1.2330	0.1746	4.2574	0.1972	4.4686	0.3499
SEX	-0.2402	0.0094	-0.0476	0.0099	-0.5750	0.0287	-0.1175	0.0199	-0.1243	0.0185	0.5935	0.0350
DI	-0.1024	0.0258	0.1020	0.0165	0.1759	0.0587	-0.1638	0.0415	0.2683	0.0400	0.4540	0.0636
OP	-0.0561	0.0141	0.1279	0.0185	0.3559	0.0436	0.0051	0.0359	0.2458	0.0285	0.1487	0.0535
CA	0.5768	0.0093	0.8097	0.0252	1.9331	0.0441	1.0668	0.0340	1.6400	0.0301	1.4296	0.0452
LV	1.3567	0.0417	0.9674	0.0741	0.8902	0.1032	0.9094	0.0259	1.3731	0.0523	1.4221	0.1900
RN	1.0472	0.0364	0.8796	0.0314	1.6159	0.0678	0.6804	0.0411	1.4903	0.0431	1.4730	0.0594
CE	-0.0632	0.0394	-0.6277	0.0291	0.2072	0.0601	-0.5066	0.0825	0.0970	0.0636	0.5856	0.0843
HY	-0.3680	0.0492	-0.0778	0.0226	-0.0419	0.1010	-0.3043	0.0760	-0.1481	0.0642	-0.0122	0.1146
CV	0.3520	0.0118	0.3532	0.0097	0.6803	0.0304	0.5708	0.0221	0.7706	0.0186	0.9333	0.0323
PH1	0.9049	0.0111	0.4668	0.0149	1.0171	0.0409	0.4431	0.0263	1.0073	0.0263	1.1523	0.0425
PH2	1.3110	0.0199	0.8399	0.0344	1.6964	0.0753	0.5912	0.0461	1.4578	0.0538	1.5987	0.0906
PH3M	1.5586	0.0339	1.2198	0.0752	1.9332	0.1458	0.5752	0.0666	1.8720	0.1031		
PU1	0.4216	0.0129	0.3815	0.0163	0.5417	0.0398	0.2922	0.0263	0.5258	0.0251	0.6359	0.0416
PU2	0.6721	0.0242	0.6588	0.0401	0.9497	0.0767	0.4900	0.0517	0.9993	0.0487	1.0869	0.0809
PU3M	0.8003	0.0291	0.7082	0.0782	1.4732	0.1082	0.5197	0.0815	1.0673	0.0858	1.5890	0.1328
TRIN	-0.2626	0.0293	-0.0471	0.0357	0.5169	0.1053	0.3129	0.0627	0.6705	0.0692	0.6464	0.1219
PL1	0.1573	0.0162	0.1208	0.0159	0.1455	0.0378	0.1427	0.0301	0.2183	0.0250	0.1653	0.0433
PL2	0.1772	0.0437	0.1758	0.0411	0.1414	0.0801	0.1743	0.0731	0.3797	0.0533	0.4906	0.0895
PL3M	0.1269	0.1044	0.3631	0.0888	0.0705	0.1537	0.1452	0.1591	0.2971	0.1094	0.8340	0.1643
TOTAL NUM.	216,565		240,896		245,185		52,907		451,765		277,784	
DEATHS	89,692		63,407		5,633		18,329		13,776		4,634	
MODEL CHI-SQ.	23,809		11,842		7,524		5,215		16,232		7,689	

Table 2.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	GY		HL		HM		HS		ME		OP	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST SE	EST	SE	
INTERCEPT	-9.1786	0.3010	-3.1645	0.2327	-1.9582	0.1666	-0.3864	0.1743	-3.2048	0.2537	-3.3135	0.2154
RAG			-4.6780	0.4036	-1.7762	0.2847	-3.4967	0.3051	0.2668	0.4302	-5.8135	0.3778
RAGSQ	2.3124	0.2106	3.3811	0.1750	1.7348	0.1215	2.6778	0.1335	0.8351	0.1827	4.2440	0.1665
SEX			-0.2982	0.0129	-0.2375	0.0092	-0.0383	0.0088	-0.4303	0.0160	-0.4685	0.0192
DI	0.9843	0.2244	0.2989	0.0241	-0.0471	0.0155	0.1744	0.0155	-0.0804	0.0329	0.3664	0.0349
OP	0.1323	0.2781	0.2005	0.0200	0.0032	0.0117	-0.1526	0.0142	0.0243	0.0273	0.4635	0.0297
CA	2.1844	0.1861	1.5089	0.0244	0.8028	0.0211	0.5563	0.0256	1.6174	0.0200	1.8846	0.0285
LV	1.8871	0.5508	1.2272	0.0787	0.7108	0.0435	1.0323	0.0751	0.8660	0.0693	1.5729	0.0798
RN	2.2304	0.3106	1.1843	0.0297	0.7261	0.0159	0.8167	0.0253	0.6416	0.0304	1.6414	0.0448
CE	0.3470	0.4731	0.0348	0.0444	-0.0814	0.0318	-0.5037	0.0376	-0.2641	0.0316	0.2949	0.0490
HY	0.3073	0.3791	-0.1699	0.0362	-0.3986	0.0280	-0.2861	0.0250	-0.2003	0.0612	0.0462	0.0641
CV	1.3402	0.1349	0.5437	0.0133	0.0804	0.0092	0.2520	0.0093	0.6250	0.0174	0.9847	0.0193
PH1	1.6812	0.1924	0.8796	0.0162	0.6334	0.0106	0.4255	0.0132	0.5445	0.0190	1.0584	0.0288
PH2	2.9031	0.4044	1.4401	0.0306	0.9506	0.0165	0.8011	0.0285	0.7757	0.0346	1.4467	0.0623
PH3M			2.0347	0.0535	1.1726	0.0231	1.1723	0.0571	1.0184	0.0616	2.1872	0.1133
PU1	0.9758	0.1835	0.4561	0.0188	0.3210	0.0128	0.3565	0.0153	0.3166	0.0200	0.4935	0.0279
PU2	1.1076	0.4287	0.8606	0.0392	0.5318	0.0270	0.6332	0.0372	0.4251	0.0382	0.9696	0.0545
PU3M	1.5589	0.6383	1.1950	0.0658	0.6545	0.0489	0.9770	0.0669	0.6245	0.0574	1.4334	0.0845
TRIN	1.3584	0.8502	0.6728	0.0247	0.4610	0.0362	-0.4480	0.0235	0.3256	0.1310	0.8660	0.0862
PL1	-0.3050	0.2295	0.1905	0.0159	0.1086	0.0133	0.1103	0.0139	0.0448	0.0232	0.0407	0.0270
PL2	0.6264	0.4710	0.2546	0.0299	0.1217	0.0300	0.1501	0.0323	0.0580	0.0568	0.0861	0.0616
PL3M			0.4261	0.0480	0.2047	0.0572	0.3722	0.0619	-0.1159	0.1335	-0.0071	0.1383
TOTAL NUM.	61,870		818,849		311,444		246,665		105,282		585,696	
DEATHS	273		27,786		70,762		94,172		26,485		13,186	
MODEL CHI-SQ	667		21,104		19,097		14,457		14,966		18,616	

Table 2.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	PN		RN		SE		TR		UN	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-2.6009	0.1260	-4.7164	0.2568	-2.2654	0.1841	-1.4983	0.4342	-3.5263	0.0652
RAG	-1.1518	0.2161	2.4880	0.4744	-0.2282	0.3274	-1.3583	0.7978	-2.4574	0.1146
RAGSQ	1.7081	0.0927	0.5723	0.2186	0.9669	0.1465	1.4598	0.3676	2.4350	0.0507
SEX	-0.3345	0.0086	-0.1322	0.0252	-0.1198	0.0162	-0.2443	0.0435	-0.2930	0.0052
DI	0.1040	0.0182	0.1180	0.0406	-0.0070	0.0271	-0.0629	0.1099	0.1689	0.0104
OP	-0.3019	0.0103	0.2304	0.0498	-0.0529	0.0308	-0.2491	0.0836	0.2396	0.0074
CA	1.0701	0.0137	0.9455	0.0430	0.7369	0.0237	0.8208	0.1094	1.1744	0.0070
LV	0.6490	0.0482	1.2631	0.1042	0.9764	0.0597	1.1583	0.2114	1.4285	0.0192
RN	0.8493	0.0215	-0.0693	0.0369	0.7499	0.0313	1.1097	0.1679	1.0659	0.0115
CE	0.0284	0.0187	-0.0107	0.0758	-0.3244	0.0425	-0.4878	0.1103	0.0186	0.0146
HY	-0.2986	0.0327	-0.3446	0.0479	-0.3185	0.0673	-0.1716	0.1790	-0.2222	0.0186
CV	0.3876	0.0086	0.6419	0.0259	0.5171	0.0175	0.5752	0.0469	0.6601	0.0053
PH1	0.6818	0.0105	0.3766	0.0300	0.5626	0.0199	0.1086	0.0694	0.9182	0.0069
PH2	0.9608	0.0192	0.6510	0.0520	0.7310	0.0368	0.3808	0.1633	1.3266	0.0137
PH3M	1.2271	0.0338	1.0370	0.0839	0.9597	0.0658	0.9237	0.3318	1.6233	0.0251
PU1	0.5299	0.0114	0.3242	0.0317	0.4128	0.0199	0.2128	0.0718	0.4829	0.0064
PU2	0.8180	0.0227	0.4157	0.0577	0.6202	0.0363	0.4006	0.1684	0.7516	0.0109
PU3M	1.0552	0.0378	0.7940	0.0869	0.7960	0.0558	0.8103	0.3126	0.7356	0.0146
TRIN	0.1327	0.0419	0.1808	0.0533	0.4457	0.0721	-0.1722	0.1057	0.4225	0.0173
PL1	0.2341	0.0135	0.1925	0.0355	0.1490	0.0235	-0.0263	0.0720	0.1152	0.0078
PL2	0.2659	0.0337	0.3193	0.0797	0.2329	0.0566	-0.2338	0.1915	0.1074	0.0187
PL3M	0.2878	0.0754	0.4619	0.1810	0.2501	0.1322	0.2520	0.3722	0.0855	0.0407
TOTAL NUM.	339,986		33,325		77,856		11,777		2,200,419	
DEATHS	87,977		12,531		27,664		3,306		187,048	
MODEL CHI-SQ	38,547		6,125		6,964		621		144,234	

Table 3

1986
Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 3.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986

CONDITIONS	CA		CE		EY		GC		GI		GU	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-0.6935	0.1711	1.2702	0.2119	-5.0334	0.2787	-2.4782	0.2041	-4.6046	0.2977	-4.9166	0.4960
RAG	-2.0718	0.3060	-6.6604	0.3596	-2.0634	0.5218	-0.1881	0.3780	-3.7139	0.5078	-5.3277	0.8391
RAGSQ	1.5499	0.1373	3.7428	0.1522	2.4025	0.2450	1.1097	0.1769	3.4668	0.2170	4.5152	0.3568
SEX	-0.2593	0.0092	-0.0565	0.0099	-0.6174	0.0289	-0.1210	0.0201	-0.0971	0.0185	0.4567	0.0341
DI	-0.0272	0.0262	0.0901	0.0168	0.1705	0.0602	-0.1277	0.0430	0.3501	0.0402	0.3537	0.0657
OP	-0.1000	0.0144	0.1143	0.0191	0.3318	0.0449	0.0242	0.0366	0.2072	0.0296	0.3862	0.0496
CA	0.5851	0.0092	0.8364	0.0258	1.8688	0.0467	1.0402	0.0349	1.5772	0.0309	1.3949	0.0443
LV	1.2564	0.0407	0.9586	0.0740	1.1024	0.0990	0.8965	0.0259	1.2942	0.0551	1.4362	0.1772
RN	1.0298	0.0361	0.9586	0.0318	1.5581	0.0702	0.6505	0.0412	1.6787	0.0420	1.4506	0.0577
CE	-0.0221	0.0400	-0.6970	0.0305	0.3764	0.0591	-0.4242	0.0824	0.0921	0.0657	0.4479	0.0916
HY	-0.3215	0.0467	-0.0427	0.0218	-0.1194	0.1018	-0.1737	0.0736	-0.1337	0.0618	-0.0633	0.1163
CV	0.3175	0.0118	0.3192	0.0097	0.7138	0.0305	0.5685	0.0226	0.7724	0.0188	0.8915	0.0318
PH1	0.8905	0.0108	0.4851	0.0147	1.1647	0.0401	0.5078	0.0264	1.0110	0.0263	1.0662	0.0423
PH2	1.3003	0.0186	0.8945	0.0343	1.5354	0.0800	0.5598	0.0463	1.4630	0.0545	1.6150	0.0845
PH3M	1.5546	0.0307	1.2319	0.0715	2.1298	0.1384	0.7163	0.0638	1.9491	0.0945	1.9744	0.1628
PU1	0.4014	0.0125	0.3670	0.0161	0.5563	0.0395	0.2703	0.0267	0.5007	0.0252	0.7208	0.0389
PU2	0.7303	0.0237	0.6878	0.0381	1.0727	0.0727	0.4299	0.0509	0.8482	0.0498	1.0602	0.0766
PU3M	0.7999	0.0287	0.9325	0.0753	1.3039	0.1118	0.4267	0.0799	1.2691	0.0786	1.5561	0.1256
TRIN	-0.2505	0.0292	-0.1440	0.0353	0.6729	0.1012	0.3272	0.0622	0.6357	0.0736	0.2013	0.1316
PL1	0.1639	0.0158	0.1246	0.0157	0.1131	0.0377	0.1974	0.0297	0.2120	0.0248	0.2379	0.0404
PL2	0.2254	0.0418	0.2646	0.0388	0.1614	0.0778	0.3439	0.0705	0.2968	0.0537	0.4307	0.0839
PL3M	0.1770	0.0989	0.2803	0.0871	-0.1251	0.1570	0.3168	0.1550	0.4594	0.0995	0.4725	0.1783
TOTAL NUM	222,229		238,401		270,607		52,534		461,326		271,619	
DEATHS	93,522		64,594		5,542		18,040		13,703		4,922	
MODEL CHISQ	25,026		12,188		7,273		5,175		16,023		8,032	

Table 3.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL APPLIED TO THE LAST DISCHARGES FOR 1986 10

CONDITIONS	GY		HL		HM		HS		ME		OP	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-6.0902	1.4498	-3.4160	0.2212	-1.6133	0.1692	-0.5198	0.1701	-2.5712	0.2549	-3.7309	0.2242
RAG	-5.5378	2.5669	-4.2268	0.3845	-2.4500	0.2892	-3.1937	0.2987	-1.1829	0.4326	-5.0932	0.3922
RAGSQ	4.7783	1.1535	3.1875	0.1673	2.0516	0.1233	2.5477	0.1310	1.5576	0.1840	3.9324	0.1723
SEX			-0.3070	0.0130	-0.2495	0.0092	-0.0478	0.0087	-0.4780	0.0163	-0.4855	0.0193
DI	0.1866	0.3101	0.2941	0.0250	-0.0197	0.0160	0.1450	0.0158	0.0318	0.0342	0.3539	0.0365
OP	0.5395	0.2405	0.1872	0.0207	0.0077	0.0120	-0.1629	0.0144	0.0252	0.0287	0.3840	0.0315
CA	2.2193	0.1759	1.4997	0.0255	0.8415	0.0212	0.6057	0.0259	1.6491	0.0208	1.9165	0.0288
LV	1.6894	0.6300	1.1551	0.0807	0.8547	0.0438	1.1809	0.0751	0.9253	0.0716	1.5156	0.0806
RN	2.6680	0.2904	1.2739	0.0302	0.7806	0.0164	0.8464	0.0253	0.6618	0.0312	1.6090	0.0468
CE	0.9116	0.3657	0.0700	0.0454	-0.1465	0.0332	-0.4865	0.0385	-0.2090	0.0328	0.2731	0.0516
HY	-0.5363	0.5140	-0.1274	0.0348	-0.3400	0.0270	-0.3097	0.0243	-0.2524	0.0613	0.0238	0.0638
CV	1.3407	0.1327	0.5839	0.0133	0.1184	0.0092	0.2506	0.0090	0.6640	0.0177	1.0189	0.0195
PH1	1.0216	0.2113	0.9189	0.0161	0.6290	0.0106	0.4733	0.0130	0.5411	0.0194	0.9992	0.0292
PH2	1.6429	0.5046	1.4469	0.0310	0.9750	0.0166	0.8402	0.0282	0.8648	0.0347	1.5330	0.0602
PH3M			1.9382	0.0537	1.2485	0.0234	1.2165	0.0565	0.9935	0.0616	2.0814	0.1047
PU1	1.1173	0.1706	0.4277	0.0188	0.3470	0.0128	0.3501	0.0151	0.3306	0.0202	0.5565	0.0273
PU2	2.1093	0.2979	0.8318	0.0382	0.5611	0.0267	0.6626	0.0353	0.5036	0.0384	0.9047	0.0549
PU3M	2.2081	0.6138	0.9628	0.0702	0.7711	0.0481	0.9840	0.0650	0.6713	0.0572	1.3180	0.0858
TRIN	0.9013	0.7009	0.7265	0.0258	0.5468	0.0377	-0.3246	0.0243	0.2211	0.1395	0.7031	0.0868
PL1	0.4276	0.1768	0.1796	0.0160	0.1214	0.0133	0.1137	0.0136	0.0428	0.0233	0.0564	0.0266
PL2	0.9956	0.3936	0.2855	0.0294	0.1428	0.0298	0.2299	0.0313	0.0182	0.0546	0.1999	0.0587
PL3M	0.2168	1.1080	0.4296	0.0471	0.1918	0.0573	0.2938	0.0630	-0.2231	0.1276	0.3776	0.1113
TOTAL NUM	60,709		806,069		306,819		252,802		106,268		598,973	
DEATHS	292		27,612		71,429		98,629		25,226		12,993	
MODEL CHISQ	742		21,313		20,525		15,388		15,173		18,431	

Table 3.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL APPLIED TO THE LAST DISCHARGES FOR 1986

CONDITIONS	PN		RN		SE		TR		UN	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-2.4297	0.1257	-5.3676	0.2513	-1.9628	0.1900	-1.2194	0.4088	-3.6987	0.0657
RAG	-1.6417	0.2157	4.0378	0.4657	-0.8787	0.3385	-1.6280	0.7616	-2.1326	0.1156
RAGSQ	1.9832	0.0927	-0.1729	0.2153	1.3268	0.1517	1.5136	0.3558	2.3068	0.0511
SEX	-0.3399	0.0087	-0.1521	0.0249	-0.1357	0.0166	-0.2379	0.0439	-0.3210	0.0051
DI	0.0955	0.0189	0.1173	0.0406	-0.0102	0.0289	0.1980	0.1100	0.1557	0.0107
OP	-0.3001	0.0106	0.1944	0.0515	-0.0513	0.0332	-0.3725	0.0878	0.2494	0.0076
CA	1.0634	0.0142	1.0241	0.0434	0.7422	0.0249	1.1083	0.1114	1.1908	0.0069
LV	0.8483	0.0480	1.5236	0.1083	0.9560	0.0634	1.1229	0.2031	1.4421	0.0190
RN	0.9741	0.0217	-0.0975	0.0366	0.8834	0.0323	1.1905	0.1593	1.0938	0.0116
CE	0.0463	0.0197	-0.1517	0.0812	-0.2689	0.0439	-0.9687	0.1333	0.0093	0.0150
HY	-0.3062	0.0315	-0.4059	0.0461	-0.3765	0.0692	-0.5217	0.1900	-0.2185	0.0183
CV	0.3822	0.0087	0.6109	0.0257	0.5128	0.0183	0.5865	0.0477	0.6784	0.0053
PH1	0.7077	0.0107	0.3839	0.0296	0.5894	0.0203	0.0373	0.0718	0.8865	0.0069
PH2	1.0172	0.0193	0.6771	0.0504	0.7663	0.0367	0.4404	0.1499	1.3351	0.0135
PH3M	1.2355	0.0334	0.8575	0.0795	1.0428	0.0657	0.7899	0.3126	1.6613	0.0244
PU1	0.5472	0.0115	0.3206	0.0310	0.3753	0.0205	0.1126	0.0720	0.4908	0.0063
PU2	0.8525	0.0231	0.6637	0.0561	0.6278	0.0369	0.2373	0.1725	0.8060	0.0106
PU3M	1.0659	0.0374	0.7923	0.0922	0.8401	0.0550	0.8693	0.2744	0.8532	0.0140
TRIN	0.1941	0.0435	0.1664	0.0511	0.4250	0.0740	-0.1804	0.1057	0.4715	0.0173
PL1	0.2260	0.0135	0.1230	0.0347	0.1273	0.0238	-0.0378	0.0724	0.1093	0.0077
PL2	0.1862	0.0334	0.4177	0.0799	0.2285	0.0558	0.3079	0.1735	0.1382	0.0181
PL3M	0.3574	0.0720	0.6154	0.1578	0.4217	0.1292	-0.6078	0.4822	0.0787	0.0385
TOTAL NUM	338,897		34,173		73,283		11,730		2,229,542	
DEATHS	86,566		13,299		26,783		3,326		190,843	
MODEL CHISQ	40,378		6,793		7,093		688		150,640	

Table 4

Comparison
of 1986 and 1987
Parameter Estimates

Table 4.1

Diagnostic Category: Cancer(CA)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-0.694	-0.959
RAG	1.134	-2.072	-1.633
RAGSQ	1.286	1.550	1.350
SEX	0.487	-0.259	-0.240
DI	0.034	-0.027	-0.102
OP	0.126	-0.100	-0.056
CA	0.485	0.585	0.577
LV	0.014	1.256	1.357
RN	0.018	1.030	1.047
CE	0.014	-0.022	-0.063
HY	0.010	-0.321	-0.368
CV	0.191	0.318	0.352
PH1	0.221	0.890	0.905
PH2	0.060	1.300	1.311
PH3M	0.021	1.555	1.559
PU1	0.150	0.401	0.422
PU2	0.038	0.730	0.672
PU3M	0.260	0.800	0.800
TRIN	0.025	-0.251	-0.263
PL1	0.087	0.164	0.157
PL2	0.011	0.225	0.177
PL3M	0.002	0.177	0.127
TOTAL CASES		222,229	216,565
DEATHS		93,522	89,692
Mortality	Average Case	45.1%	44.9%
	Observed	42.1%	41.4%
Interhospital Variance		0.00137	0.00130
MODEL CHISQ		25,026	23,809

Table 4.2

Diagnostic Category: CEREBROVASCULAR ACCIDENTS(CE)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	1.270	1.200
RAG	1.192	-6.660	-6.615
RAGSQ	1.422	3.743	3.712
SEX	0.582	-0.057	-0.048
DI	0.093	0.090	0.102
OP	0.070	0.114	0.128
CA	0.300	0.836	0.810
LV	0.003	0.959	0.967
RN	0.019	0.959	0.880
CE	0.038	-0.697	-0.628
HY	0.048	-0.043	-0.078
CV	0.382	0.319	0.353
PH1	0.107	0.485	0.467
PH2	0.015	0.895	0.840
PH3M	0.003	1.232	1.220
PU1	0.081	0.367	0.381
PU2	0.011	0.688	0.659
PU3M	0.003	0.932	0.708
TRIN	0.018	-0.144	-0.047
PL1	0.093	0.125	0.121
PL2	0.012	0.265	0.176
PL3M	0.002	0.280	0.363
TOTAL CASES		238,401	240,896
DEATHS		64,594	63,407
Mortality	Average Case	29.3%	28.3%
	Observed	27.1%	26.3%
Interhospital Variance		0.00044	0.00039
MODEL CHISQ		12,188	11,842

Table 4.3

Diagnostic Category: NEUROPSYCHIATRIC/SENSORY(EY)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-5.033	-5.281
RAG	1.069	-2.063	-1.561
RAGSQ	1.143	2.402	2.230
SEX	0.580	-0.617	-0.575
DI	0.052	0.171	0.176
OP	0.074	0.332	0.356
CA	0.020	1.869	1.933
LV	0.011	1.102	0.890
RN	0.011	1.558	1.616
CE	0.052	0.376	0.207
HY	0.017	-0.119	-0.042
CV	0.177	0.714	0.680
PH1	0.042	1.165	1.017
PH2	0.006	1.535	1.696
PH3M	0.001	2.130	1.933
PU1	0.081	0.556	0.542
PU2	0.012	1.073	0.950
PU3M	0.004	1.304	1.473
TRIN	0.008	0.673	0.517
PL1	0.146	0.113	0.146
PL2	0.029	0.161	0.141
PL3M	0.009	-0.125	0.070
TOTAL CASES		270,607	245,185
DEATHS		5,542	5,633
Mortality	Average Case	1.14%	1.27%
	Observed	2.05%	2.30%
Interhospital Variance		0.00005	0.00006
MODEL CHISQ		7,273	7,524

Table 4.4

Diagnostic Category: GASTROINTESTINAL CATASTROPHES(GC)			
VARIABLES		**Coefficients**	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-2.478	-2.309
RAG	1.124	-0.188	-0.470
RAGSQ	1.263	1.110	1.233
SEX	0.544	-0.121	-0.118
DI	0.061	-0.128	-0.164
OP	0.081	0.024	0.005
CA	0.083	1.040	1.067
LV	0.175	0.896	0.909
RN	0.062	0.651	0.680
CE	0.017	-0.424	-0.507
HY	0.019	-0.174	-0.304
CV	0.249	0.568	0.571
PH1	0.154	0.508	0.443
PH2	0.043	0.560	0.591
PH3M	0.02	0.716	0.575
PU1	0.155	0.270	0.292
PU2	0.034	0.430	0.490
PU3M	0.013	0.427	0.520
TRIN	0.022	0.327	0.313
PL1	0.112	0.197	0.143
PL2	0.017	0.344	0.174
PL3M	0.003	0.317	0.145
TOTAL CASES		**52,534**	**52,907**
DEATHS		**18,040**	**18,329**
Mortality	**Average Case**	**32.5%**	**32.4%**
	Observed	**34.3%**	**34.6%**
Interhospital Variance		**0.00232**	**0.00229**
MODEL CHISQ		**5,175**	**5,215**

Table 4.5

Diagnostic Category: **GASTROINTESTINAL DISEASE(GI)**			
		Coefficients	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-4.605	-3.563
RAG	1.127	-3.714	-5.535
RAGSQ	1.270	3.467	4.257
SEX	0.558	-0.097	-0.124
DI	0.045	0.350	0.268
OP	0.093	0.207	0.246
CA	0.026	1.577	1.640
LV	0.013	1.294	1.373
RN	0.013	1.679	1.490
CE	0.016	0.092	0.097
HY	0.021	-0.134	-0.148
CV	0.228	0.772	0.771
PH1	0.046	1.011	1.007
PH2	0.006	1.463	1.458
PH3M	0.001	1.949	1.872
PU1	0.087	0.501	0.526
PU2	0.013	0.848	0.999
PU3M	0.003	1.269	1.067
TRIN	0.006	0.636	0.670
PL1	0.117	0.212	0.218
PL2	0.018	0.297	0.380
PL3M	0.004	0.459	0.297
TOTAL CASES		**461,326**	**451,765**
DEATHS		**13,703**	**13,776**
Mortality	**Average Case**	**1.8%**	**1.8%**
	Observed	**3.0%**	**3.0%**
Interhospital Variance		**0.00004**	**0.00004**
MODEL CHISQ		**16,023**	**16,232**

Table 4.6

Diagnostic Category: UROLOGIC DISEASE(GU)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-4.917	-4.723
RAG	1.120	-5.328	-5.528
RAGSQ	1.254	4.515	4.469
SEX	0.157	0.457	0.593
DI	0.039	0.354	0.454
OP	0.080	0.386	0.149
CA	0.038	1.395	1.430
LV	0.002	1.436	1.422
RN	0.017	1.451	1.473
CE	0.013	0.448	0.586
HY	0.015	-0.063	-0.012
CV	0.175	0.892	0.933
PH1	0.040	1.066	1.152
PH2	0.005	1.615	1.599
PH3M	0.000	1.974	0.000
PU1	0.078	0.721	0.636
PU2	0.011	1.060	1.087
PU3M	0.003	1.556	1.589
TRIN	0.006	0.201	0.646
PL1	0.119	0.238	0.165
PL2	0.017	0.431	0.491
PL3M	0.004	0.473	0.834
TOTAL CASES		271,619	277,784
DEATHS		4,922	4,634
Mortality	Average Case	0.9%	0.8%
	Observed	1.8%	1.7%
Interhospital Variance		0.00006	0.00005
MODEL CHISQ		8,032	7,689

Table 4.7

Diagnostic Category: GYNECOLOGIC DISEASE(GY)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-6.090	-9.179
RAG	1.091	-5.538	
RAGSQ	1.190	4.778	2.312
SEX	1		
DI	0.025	0.187	0.984
OP	0.038	0.540	0.132
CA	0.012	2.219	2.184
LV	0.002	1.689	1.887
RN	0.005	2.668	2.230
CE	0.009	0.912	0.347
HY	0.012	-0.536	0.307
CV	0.096	1.341	1.340
PH1	0.012	1.022	1.681
PH2	0.001	1.643	2.903
PH3M	0		
PU1	0.037	1.117	0.976
PU2	0.004	2.109	1.108
PU3M	0.001	2.208	1.559
TRIN	0.001	0.901	1.358
PL1	0.062	0.428	-0.305
PL2	0.006	0.996	0.626
PL3M	0	0.217	
TOTAL CASES		60,709	61,870
DEATHS		292	273
Mortality	Average Case	0.2%	0.2%
	Observed	0.5%	0.4%
Interhospital Variance		0.00003	0.00003
MODEL CHISQ		742	667

Table 4.8

Diagnostic Category: LOW-RISK HEART DISEASE(HL)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.416	-3.165
RAG	1.132	-4.227	-4.678
RAGSQ	1.281	3.188	3.381
SEX	0.550	-0.307	-0.298
DI	0.061	0.294	0.299
OP	0.093	0.187	0.200
CA	0.020	1.500	1.509
LV	0.003	1.155	1.227
RN	0.016	1.274	1.184
CE	0.019	0.070	0.035
HY	0.038	-0.127	-0.170
CV	0.517	0.584	0.544
PH1	0.090	0.919	0.880
PH2	0.012	1.447	1.440
PH3M	0.003	1.938	2.035
PU1	0.078	0.428	0.456
PU2	0.011	0.832	0.861
PU3M	0.003	0.963	1.195
TRIN	0.036	0.726	0.673
PL1	0.171	0.180	0.190
PL2	0.035	0.286	0.255
PL3M	0.011	0.430	0.426
TOTAL CASES		**806,069**	**818,849**
DEATHS		**27,612**	**27,786**
Mortality	**Average Case**	**2.5%**	**2.4%**
	Observed	**3.4%**	**3.4%**
Interhospital Variance		**0.00002**	**0.00002**
MODEL CHISQ		**21,313**	**21,104**

Table 4.9

Diagnostic Category: SEVERE CHRONIC HEART DISEASE (HM)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-1.613	-1.958
RAG	1.187	-2.450	-1.776
RAGSQ	1.409	2.052	1.735
SEX	0.551	-0.249	-0.237
DI	0.102	-0.020	-0.047
OP	0.187	0.008	0.003
CA	0.034	0.841	0.803
LV	0.008	0.855	0.711
RN	0.066	0.781	0.726
CE	0.020	-0.146	-0.081
HY	0.033	-0.340	-0.399
CV	0.594	0.118	0.080
PH1	0.202	0.629	0.633
PH2	0.061	0.975	0.951
PH3M	0.028	1.249	1.173
PU1	0.121	0.347	0.321
PU2	0.022	0.561	0.532
PU3M	0.006	0.771	0.654
TRIN	0.011	0.547	0.461
PL1	0.118	0.121	0.109
PL2	0.021	0.143	0.122
PL3M	0.005	0.192	0.205
TOTAL CASES		**306,819**	**311,444**
DEATHS		**71,429**	**70,762**
Mortality	**Average Case**	**21.1%**	**20.6%**
	Observed	**23.3%**	**22.7%**
Interhospital Variance		**0.00037**	**0.00032**
MODEL CHISQ		**20,525**	**19,097**

Table 4.10

Diagnostic Category: SEVERE ACUTE HEART DISEASE(HS)			
VARIABLES		Coefficients	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-0.520	-0.386
RAG	1.156	-3.194	-3.497
RAGSQ	1.336	2.548	2.678
SEX	0.482	-0.048	-0.038
DI	0.083	0.145	0.174
OP	0.108	-0.163	-0.153
CA	0.028	0.606	0.556
LV	0.003	1.181	1.032
RN	0.029	0.846	0.817
CE	0.015	-0.486	-0.504
HY	0.033	-0.310	-0.286
CV	0.675	0.251	0.252
PH1	0.137	0.473	0.426
PH2	0.023	0.840	0.801
PH3M	0.006	1.217	1.172
PU1	0.083	0.350	0.357
PU2	0.013	0.663	0.633
PU3M	0.004	0.984	0.977
TRIN	0.043	-0.325	-0.448
PL1	0.105	0.114	0.110
PL2	0.017	0.230	0.150
PL3M	0.005	0.294	0.372
TOTAL CASES		252,802	246,665
DEATHS		98,629	94,172
Mortality	**Average Case**	37.7%	36.5%
	Observed	39.0%	38.2%
Interhospital Variance		0.00062	0.00067
MODEL CHISQ		15,388	14,457

Table 4.11

Diagnostic Category: METABOLIC/ELECTROLYTE DISORDERS(ME)

VARIABLES		**Coefficients**	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-2.571	-3.205
RAG	1.209	-1.183	0.267
RAGSQ	1.462	1.558	0.835
SEX	0.639	-0.478	-0.430
DI	0.067	0.032	-0.080
OP	0.088	0.025	0.024
CA	0.164	1.649	1.617
LV	0.010	0.925	0.866
RN	0.057	0.662	0.642
CE	0.082	-0.209	-0.264
HY	0.019	-0.252	-0.200
CV	0.249	0.664	0.625
PH1	0.176	0.541	0.544
PH2	0.040	0.865	0.776
PH3M	0.012	0.993	1.018
PU1	0.165	0.331	0.317
PU2	0.036	0.504	0.425
PU3M	0.015	0.671	0.624
TRIN	0.003	0.221	0.326
PL1	0.124	0.043	0.045
PL2	0.019	0.018	0.058
PL3M	0.004	-0.223	-0.116
TOTAL CASES		**106,268**	**105,282**
DEATHS		**25,226**	**26,485**
Mortality	**Average Case**	**20.8%**	**21.8%**
	Observed	**23.7%**	**25.2%**
Interhospital Variance		**0.00206**	**0.00216**
MODEL CHISQ		**15,173**	**14,966**

Table 4.12

Diagnostic Category: MUSCULOSKELETAL/SKIN CONDITIONS(OP)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.731	-3.313
RAG	1.121	-5.093	-5.814
RAGSQ	1.257	3.932	4.244
SEX	0.666	-0.485	-0.469
DI	0.059	0.354	0.366
OP	0.066	0.384	0.463
CA	0.024	1.916	1.885
LV	0.004	1.516	1.573
RN	0.010	1.609	1.641
CE	0.023	0.273	0.295
HY	0.017	0.024	0.046
CV	0.170	1.019	0.985
PH1	0.031	0.999	1.058
PH2	0.004	1.533	1.447
PH3M	0.001	2.081	2.187
PU1	0.066	0.557	0.494
PU2	0.009	0.905	0.970
PU3M	0.003	1.318	1.433
TRIN	0.004	0.703	0.866
PL1	0.123	0.056	0.041
PL2	0.018	0.200	0.086
PL3M	0.004	0.378	-0.007
TOTAL CASES		598,973	585,696
DEATHS		12,993	13,186
Mortality	Average Case	1.2%	1.2%
	Observed	2.2%	2.3%
Interhospital Variance		0.00003	0.00004
MODEL CHISQ		18,431	18,616

Table 4.13

Diagnostic Category: PULMONARY DISEASE (PN)

VARIABLES		Coefficients	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-2.430	-2.601
RAG	1.191	-1.642	-1.152
RAGSQ	1.418	1.983	1.708
SEX	0.509	-0.340	-0.335
DI	0.055	0.096	0.104
OP	0.261	-0.300	-0.302
CA	0.084	1.063	1.070
LV	0.007	0.848	0.649
RN	0.031	0.974	0.849
CE	0.051	0.046	0.028
HY	0.020	-0.306	-0.299
CV	0.386	0.382	0.388
PH1	0.162	0.708	0.682
PH2	0.038	1.017	0.961
PH3M	0.012	1.235	1.227
PU1	0.134	0.547	0.530
PU2	0.028	0.852	0.818
PU3M	0.010	1.066	1.055
TRIN	0.008	0.194	0.133
PL1	0.095	0.226	0.234
PL2	0.014	0.186	0.266
PL3M	0.003	0.357	0.288
TOTAL CASES		**338,897**	**339,986**
DEATHS		**86,566**	**87,977**
Mortality	**Average Case**	**22.3%**	**22.6%**
	Observed	**25.5%**	**25.9%**
Interhospital Variance		**0.00078**	**0.00072**
MODEL CHISQ		**40,378**	**38,547**

Table 4.14

Diagnostic Category: RENAL FAILURE(RN)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-5.368	-4.716
RAG	1.112	4.038	2.488
RAGSQ	1.237	-0.173	0.572
SEX	0.493	-0.152	-0.132
DI	0.117	0.117	0.118
OP	0.061	0.194	0.230
CA	0.087	1.024	0.946
LV	0.014	1.524	1.263
RN	0.137	-0.097	-0.069
CE	0.026	-0.152	-0.011
HY	0.088	-0.406	-0.345
CV	0.349	0.611	0.642
PH1	0.224	0.384	0.377
PH2	0.058	0.677	0.651
PH3M	0.022	0.857	1.037
PU1	0.189	0.321	0.324
PU2	0.049	0.664	0.416
PU3M	0.021	0.792	0.794
TRIN	0.054	0.166	0.181
PL1	0.135	0.123	0.192
PL2	0.023	0.418	0.319
PL3M	0.004	0.615	0.462
TOTAL CASES		34,173	33,325
DEATHS		13,299	12,531
Mortality	Average Case	35.9%	33.0%
	Observed	38.9%	37.6%
Interhospital Variance		0.01353	0.01217
MODEL CHISQ		6,793	6,125

Table 4.15

Diagnostic Category: INFECTIOUS DISEASE(SE)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-1.963	-2.265
RAG	1.185	-0.879	-0.228
RAGSQ	1.404	1.327	0.967
SEX	0.578	-0.136	-0.120
DI	0.098	-0.010	-0.007
OP	0.073	-0.051	-0.053
CA	0.128	0.742	0.737
LV	0.016	0.956	0.976
RN	0.065	0.883	0.750
CE	0.041	-0.269	-0.324
HY	0.016	-0.376	-0.318
CV	0.267	0.513	0.517
PH1	0.184	0.589	0.563
PH2	0.045	0.766	0.731
PH3M	0.014	1.043	0.960
PU1	0.183	0.375	0.413
PU2	0.046	0.628	0.620
PU3M	0.019	0.840	0.796
TRIN	0.011	0.425	0.446
PL1	0.124	0.127	0.149
PL2	0.019	0.229	0.233
PL3M	0.003	0.422	0.250
TOTAL CASES		73,283	77,856
DEATHS		26,783	27,664
Mortality	Average Case	34.5%	33.7%
	Observed	36.5%	35.5%
Interhospital Variance		0.00195	0.00168
MODEL CHISQ		7,093	6,964

Table 4.16

Diagnostic Category: SEVERE TRAUMA(TR)

VARIABLES		Coefficients	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-1.219	-1.498
RAG	1.161	-1.628	-1.358
RAGSQ	1.348	1.514	1.460
SEX	0.479	-0.238	-0.244
DI	0.039	0.198	-0.063
OP	0.075	-0.372	-0.249
CA	0.033	1.108	0.821
LV	0.008	1.123	1.158
RN	0.013	1.190	1.110
CE	0.048	-0.969	-0.488
HY	0.015	-0.522	-0.172
CV	0.246	0.586	0.575
PH1	0.119	0.037	0.109
PH2	0.015	0.440	0.381
PH3M	0.003	0.790	0.924
PU1	0.092	0.113	0.213
PU2	0.014	0.237	0.401
PU3M	0.004	0.869	0.810
TRIN	0.051	-0.180	-0.172
PL1	0.096	-0.038	-0.026
PL2	0.013	0.308	-0.234
PL3M	0.003	-0.608	0.252
TOTAL CASES		**11,730**	**11,777**
DEATHS		**3,326**	**3,306**
Mortality	**Average Case**	**26.3%**	**26.1%**
	Observed	**28.4%**	**28.1%**
Interhospital Variance		**0.00348**	**0.00303**
MODEL CHISQ		**688**	**621**

Table 4.17

Diagnostic Category: ALL OTHER DISEASES (UN)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.699	-3.526
RAG	1.136	-2.133	-2.457
RAGSQ	1.290	2.307	2.435
SEX	0.581	-0.321	-0.293
DI	0.061	0.156	0.169
OP	0.122	0.249	0.240
CA	0.086	1.191	1.174
LV	0.008	1.442	1.429
RN	0.028	1.094	1.066
CE	0.032	0.009	0.019
HY	0.022	-0.219	-0.222
CV	0.275	0.678	0.660
PH1	0.081	0.886	0.918
PH2	0.014	1.335	1.327
PH3M	0.004	1.661	1.623
PU1	0.148	0.491	0.483
PU2	0.034	0.806	0.752
PU3M	0.018	0.853	0.736
TRIN	0.012	0.472	0.423
PL1	0.104	0.109	0.115
PL2	0.016	0.138	0.107
PL3M	0.003	0.079	0.086
TOTAL CASES		2,229,542	2,200,419
DEATHS		190,843	187,048
Mortality	Average Case	6.1%	6.0%
	Observed	8.6%	8.5%
Interhospital Variance		0.00008	0.00007
MODEL CHISQ		150,640	144,234

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